2007

PRIMARY 3 MATHS

| 1.	ACS ~~(JUNIOR)~~	-	SA1	-	SA2
2.	AI TONG	CA1	SA1	CA2	SA2
3.	CATHOLIC HIGH	CA1	SA1	CA2	SA2
4.	CHIJ ST NICHOLAS	-	SA1	-	SA2
5.	HENRY PARK	-	SA1	-	SA2
6.	MAHA BODHI	CA1	SA1	CA2	SA2
7.	METHODIST GIRLS	-	SA1	-	SA2
8.	NANYANG	-	SA1	-	SA2
9.	RAFFLES GIRL	-	SA1	-	SA2
10.	ROSYTH	-	-	-	SA2
11.	TAO NAN	-	SA1	-	SA2

12.   KONG HWA SA1 SA2

Total :   549   Pages

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http://www.yestuition.sg or call 90125150.
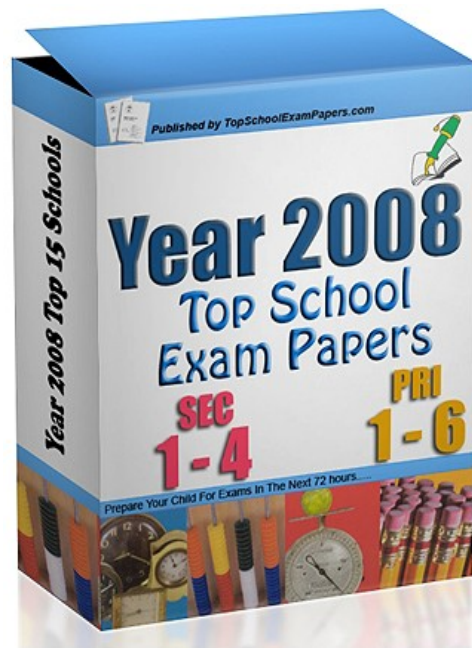
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AI TONG SCHOOL

2007
CONTINUAL ASSESSMENT 1
PRIMARY 3

MATHEMATICS

DURATION : 1 H 30 MIN

DATE   : 6 March 2007
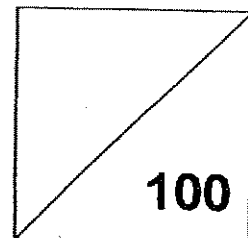
INSTRUCTIONS
Do not open the booklet until you are told to do so.
Follow all instructions.
Answer all questions.

Name   : _____ (   )

Class   : Primary 3_____   Marks: _____ / 100

Parent's Signature	: _____
Date	: _____

SECTION A
Question 1 to 20 carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3, or 4). Shade the oval (1, 2, 3, or 4) on the Optical Answer
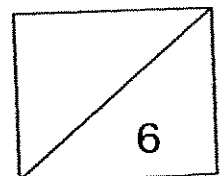Sheet.   (40 marks)

___

1   4801 can be written as _____.

   1)   4000 + 80 + 1

   2)   4000 + 80 + 10

   3)   4000 + 800 + 1

   4)   4000 + 800 + 10

2   6930 = _____.

   1)   60 tens + 93 ones

   2)   60 tens + 93 tens

   3)   600 tens + 93 ones

   4)   600 tens + 93 tens

3   In the number 5268, which digit is in the **hundreds** place?

   1)   5

   2)   2

   3)   6

   4)   8

6

1

4   The value of digit '2' in 2461 is _____ .

   1)   20

   2)   2

   3)   200

   4)   2000

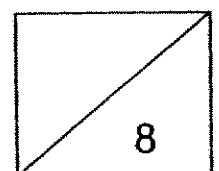**5**   Which one of the following is the smallest in value?

   1)   7519

   2)   7723

   3)   7491

   4)   7542.

6   Which digit is in the **thousands** place when 2682 + 5958?

   1)   6

   2)   7

   3)   3

   4)   8

7   How many tens are there in 8820?

   1)   20

   2)   2

   3)   820

   4)   882

2

8

8   90 less than 8237 is _____.

    1)   7337

    2)   8147

    3)   8247

    4)   8327

9   Find the difference between 5000 and 2584.

    1)   2415

    2)   2416

    3)   3584

    4)   7584

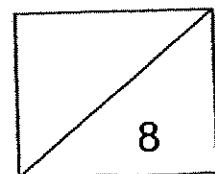10   _____ $-$ 1238 $=$ 505

    1)   733

    2)   1333

    3)   1733

    4)   1743

11   6270, 6070, _____, 5670, 5470

What is the missing number?

    1)   5770

    2)   5870

    3)   5970

    4)   6170

8

3

12   7218 is 1608 more than _____.

1)   5610

2)   6418

3)   8426

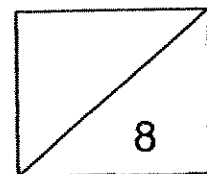4)   8826

13   Subtract 30 from the sum of 5408 and 2100.

1)   3278

2)   3338

3)   7478

4)   7538

14   Which of the following is not equal to 6 x 9 ?

1)   9 x 6

2)   9 x 9 x 9 x 9 x 9 x 9

3)   9 + 9 + 9 + 9 + 9 + 9

4)   6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6

15   _____ ÷ 6 = 9

1)   45

2)   54

3)   63

4)   72

8

4

16 If ♣ ♣ ♣ = $27,

then ♣ ♣ ♣ ♣ ♣ = $ _____

1)   9

2)   18

3)   36

4)   45

17 What is the missing number in the box?

7 x 8 = 56

9 x 8 = ☐ + 56

1)   1 x 7

2)   1 x 8

3)   2 x 7

4)   2 x 8

18 What is 4 x 6 more than 100?

1)   24

2)   76

3)   124

4)   146

5
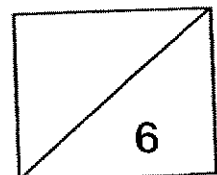
19 If + + =

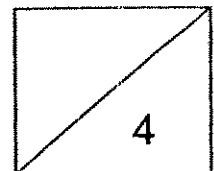and x 5 = 45 ,

then = _____ .

1)   8

2)   9

3)   3

4)   27

20   6 pairs of socks cost $24. What is the cost of 8 pairs of such socks?

1) $4

2) $8

3) $24

4) $32

SECTION B
Questions 21 to 40 carry 2 marks each.
Write your answers in the spaces provided.   (40 marks)

21   8522 is 100 more than _____.

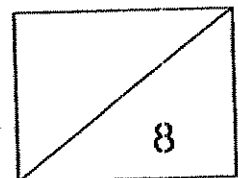Ans: _____

22   In 2867, the digit '8' is in the _____ place.

Ans: _____

23   5 thousands, 3 hundreds, 20 tens and 5 ones = _____.

Ans: _____

24   What is 993 less than the sum of 2220 and 3583?

Ans: _____

8

7

25   The digit '2' in 5241 stands for 2 x _____.

Ans: _____

26   Complete the number pattern below.
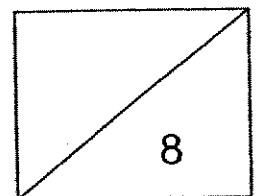
1, 3, 7, 13, 21, _____.

Ans: _____

27   10 000 − 2954 = _____.

Ans: _____

28   Form as many 3-digit numbers as possible with the digits 2, 4 and 8.
       How many 3-digit numbers can be formed?

Ans: _____

8

29   A 4-digit number is made up of digits 0, 2, 5, 9. The digit 5 is in the tens

place. What is the greatest possible number?

Ans: _____
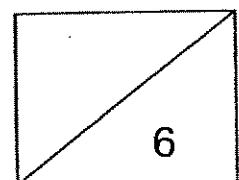
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30 | 4 | 2 | 8 | 6 |

Mei Mei has 4 number cards as shown above. She arranges them to

make 4-digit numbers. What is the **difference** between the largest

and the smallest 4 digit number she can make?

Ans: _____

---

31   Kelly sold 240 stalks of flowers last Sunday. She sold 56 fewer stalks on

Monday than on Sunday. How many stalks of flower did she sell on Monday?

Ans: _____

6

9

32   The smaller of two numbers is 1540. The greater number is 480 more than the smaller number. What is the sum of the two numbers?
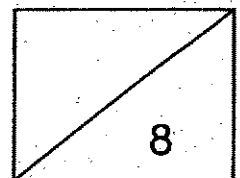
Ans: _____

33   4 x 9 is the same as 6 x _____ .

Ans: _____

34   7 x 7 = 100 – _____ .

Ans: _____

35   4 boxes of lollipops cost $28. Find the cost of 7 such boxes of lollipops?

Ans: $ _____

8

10

36   Mr Cheng saves $5831 in his bank. He puts in another $1895 into the bank. How much money does he have in the bank altogether?
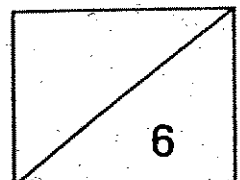
Ans: $_____

37   When 30 is added to a number, the answer is the same as multiplying the number by 7. What is the number?

Ans: _____

38   The total age of Mark and his mother is 64 years. If Mark's mother is 7 times as old as Mark, how old is Mark?
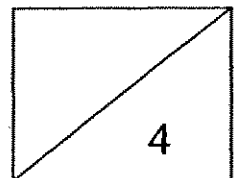
Ans: _____ years old

6

11

39   Mrs Sallah ties 7 red pens and 2 blue pens into a bundle.

There are 9 bundles altogether and there is 1 red pen left. How many pens does she have in all?

Ans: _____

40   Kong Lim bought 5 books at $8 each and had $55 left. How much did he have at first?

Ans: $_____

4

12

SECTION C
Questions 41 to 45 carry 4 marks each.
For questions 41-45, show your working clearly in the space provided for
each question.   (20 marks)

41   Seng Han bought 9 pictures cards. His brother has 7 times as many cards.

      How many **more** cards does his brother have?

42   There were 2831 visitors at the Zoo on Wednesday. There were 476 more

      visitors at the Zoo on Thursday than on Wednesday. How many visitors were

      at the Zoo on the two days?

13
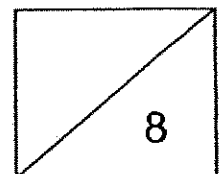
43 Jason collected 36 stamps. He has 6 times as many stamps as Benjamin. Peter collected 5 more stamps than Benjamin.

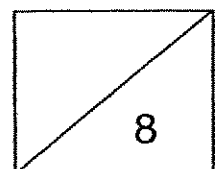(a) How many stamps did Benjamin collect?   [1 m]

b) How many stamps did the three boys collect altogether? [3 m]

44 A pair of roller blades costs $90. The cost of the pair of the roller blades is 9 times the cost of a pair of gloves. What is the total cost of the pair of roller blades and the gloves?

8

14

45   Miss Seah bought some balloons for her pupils. If she gave each of her pupils 6 balloons, she would have 2 balloons left over. If she gave each of them 8 balloons, she would be short of 2 balloons. What was the least possible number of pupils Miss Seah had?

– End of paper –

Check your work carefully

15
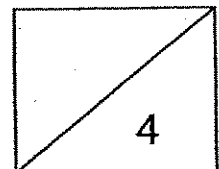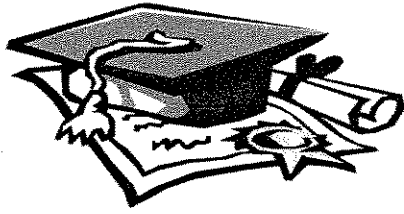
ANSWER SHEET

AI TONG PRIMARY SCHOOL - PRIMARY 3 MATHEMATICS 2007
CONTINUAL ASSESSMENT (1)

---

1. 3
2. 4
3. 2
4. 4
5. 3
6. 4
7. 4
8. 2
9. 2
10. 4
11. 2
12. 1
13. 3
14. 2
15. 2
16. 4
17. 4
18. 3
19. 3
20. 4
21. 8422
22. hundreds
23. 5505
24. 4810
25. 100
26. 31
27. 7046
28. 6
29. 9250
30. 6174

31) 184
32) 3560
33) 6
34) 51
35) $49
36) $7726
37) 5
38) 8
39) 82 pens
40) $95
41) 9x7=63
    63-9=54
    His brother have 54 more cards

42) 2831+476=3307
    2831+3307=6138
    There were 6138 visitors at
    the zoo in the two days.

43) a) 36÷6=6
       He collect 6 stamps
    b) 6+5=11
       11+36+6=53
       The three boys collected 53
       stamps altogether

44) $90÷9=$10
    $10+$90=$100
    It cost $100

45) Miss Seah had 14 pupils.

Maha Bodhi School

2007 Continual Assessment 1

Mathematics

Name :_____(   )   Date   : 27 February 2007

Class : Pr 3 _____   Duration : 1 h 45 min

BOOKLET A

Section A (40 marks)

Questions 1 to 20 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1.   In which of the following numbers does the digit 6 stand for 600?

    (1)   3476
    (2)   4763
    (3)   6743
    (4)   7634

2. $6999 = 9 + \underline{\hspace{1cm}} + 6000$

    (1)   900
    (2)   990
    (3)   90
    (4)   99

3.   How many hundreds are there in 2000 ?

    (1)   2
    (2)   20
    (3)   200
    (4)   2000

1

4.   4 thousand and five can be written as _____.

     (1)   4050
     (2)   4005
     (3)   450
     (4)   405

5.   What number is 190 tens **more** than 5500 ?

     (1)   3600
     (2)   5310
     (3)   5690
     (4)   7400

6.   What is the missing number in the box ?

```
       4  □  9  2
   −   1  8  9  3
   ─────────────────
       2  7  9  9
   ─────────────────
```

     (1)   7
     (2)   6
     (3)   5
     (4)   4

7.   Which number will you find in both the multiplication tables of 6 and 7 ?

     (1)   56
     (2)   49
     (3)   42
     (4)   36

8.   Larry bought 5 similar cups.
      Each cup cost $6.
      How much did Larry spend ?

     (1) $ 11
     (2) $ 25
     (3) $ 30
     (4) $ 36

2

9.   Florence bought 80 colour pencils.
      She placed 10 colour pencils into a box.
      How many boxes does she need ?

      (1) 8
      (2) 9
      (3) 70
      (4) 90

10.   24 sweets are shared equally among 4 children.
      How many sweets do 3 children have ?

      (1) 6
      (2) 8
      (3) 18
      (4) 20

11.   Look at the picture of the clock. What time is it ?
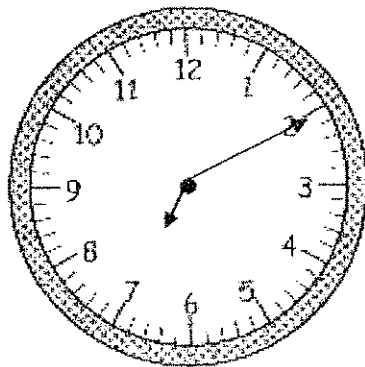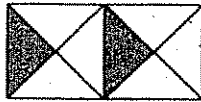

      (1) 7.02
      (2) 7.10
      (3) 10.07
      (4) 10.35

3

12. Look at the picture below. Which one is the heaviest ?
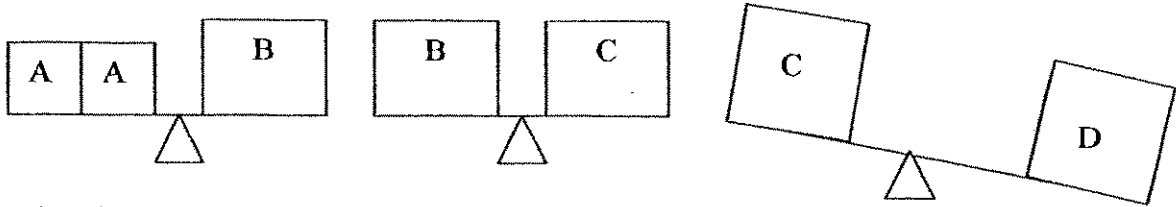
(1) A
(2) B
(3) C
(4) D

13. How many more triangles must you shade to show that $\frac{1}{2}$ of the figure is shaded ?

(1) 1
(2) 2
(3) 3
(4) 4

14. Count the amount.
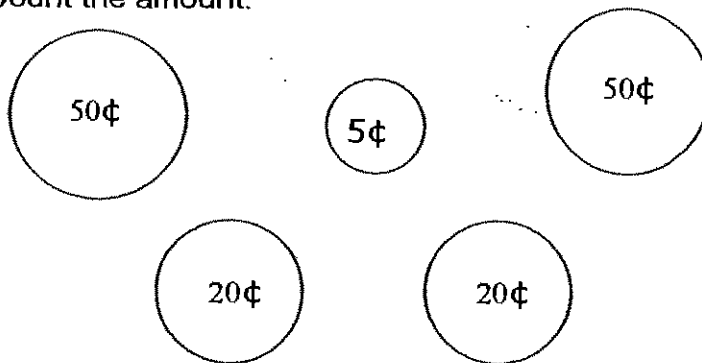
(1) $1.40
(2) $1.45
(3) $1.50
(4) $1.55

4

15. 5 twenty-cent coins is the same as _____.

    (1) $1
    (2) $2
    (3) $3
    (4) $4

16. What is the number ?

| Number | → | Multiply by 2 | → | Subtract 10 | → | 16 |
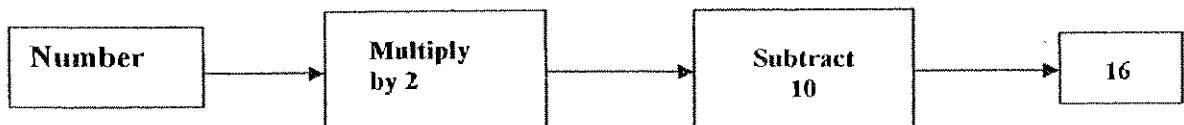
    (1)   12
    (2)   13
    (3)   3
    (4)   52

17. Complete the number pattern.

    5045 , 5057 , 5069 , _____

    (1)   5070
    (2)   5079
    (3)   5080
    (4)   5081

18 There are 23 boys and 19 girls in a classroom.
    If each child is given 2 stickers, what is the total number of stickers given away ?

    (1)   42
    (2)   44
    (3)   62
    (4)   84

5

19.   A 20 cm string is used to form a square.
      Each side of the square is _____ cm long.

      (1) 20
      (2) 10
      (3) 5
      (4) 4

20.   Four 5-cent coins and two 50-cent coins is _____.

      (1) $0.20
      (2) $0.70
      (3) $1.00
      (4) $1.20

6

Maha Bodhi School   http://www.yestuition.sg

2007 Continual Assessment 1
Mathematics

Name : _____ (   )

Class : Pr 3 _____

Duration : 1 h 45 min

Date   :   27 February 2007

Parent's Signature : _____

Section A (40 marks)	
Section B (40 marks)	
Section C (20 marks)	
Total (100 marks)	

BOOKLET B

Section B (40 marks)

Questions 21 to 40 carry 2 marks each.
Write your answers in the boxes provided. Give your answers in the units stated.
Show your working in the space provided. Marks will be awarded for correct method shown.

21.   Form the largest 4-digit number with 7 , 9 , 0 , 2.

22.   3068 is 1000 less than _____.

23.   There are 9 boxes and each box has 7 erasers in it.
      How many erasers are there in all ?

24.   [   ] $\div 5 = 8$

25.   Jessie went to the beach at 4.30 p.m to sunbathe.
      She finished sunbathing half an hour later.

      She finished sunbathing at [   ]

7

26. Mary's mother has a mass of 52 kg.
Mary is 12 kg lighter than her mother.
What is the mass of Mary ?

<div style="text-align:right">kg</div>

27. Arrange the fractions from the smallest to the greatest.

$$\frac{1}{2} \ , \quad \frac{1}{4} \ , \quad \frac{3}{4}$$

_____ , _____ , _____

28. 1584 + 226 = 600 + | ? |

29. There are 668 cars in a car park. 183 cars are driven out and 37 cars are driven in. How many cars are there now ?

<div style="text-align:right">cars</div>

30.

```
              5635
          /          \
       ?              3294
     /   \          /      \
  4219 — 1878 —— 2341
```
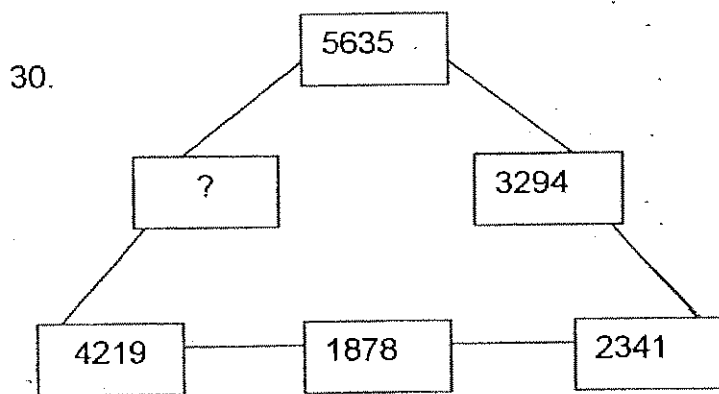
What is the missing number ?

31. ▲ X ▲ = 49

♠ X ♠ = 100

♠ + ♠ + ▲ = | ? |

<div style="text-align:right">8</div>

32. Add 25 to the product of 8 and 7.
    You will get _____.

33. 27 ÷ 3 = ☐ groups of 3.

34. There are some cows on a farm.
    There are a total of 28 legs.
    How many cows are there ?

    _____ cows

35.

49 metres   ?

Starting point   Finishing line
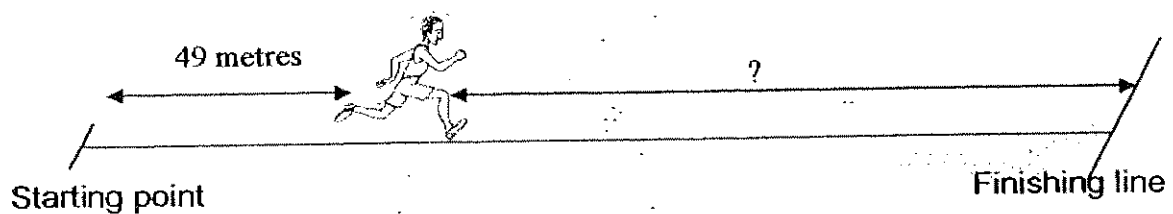
Tom takes part in a 400-metre race.
He is 49 metres from the starting point.
How much more must he run to finish the race ?

    _____ m

36. $\dfrac{1}{7} + \dfrac{3}{7} =$ ☐

9

The graph below shows the favourite fruit of a group of children.
Answer questions 37 and 38.

apple	◈ ◈ ◈ ◈
durian	◈ ◈
guava	◈
mango	◈ ◈ ◈ ◈ ◈ ◈ ◈ ◈
orange	◈ ◈ ◈ ◈ ◈

Each ◈ stands for 9 children.

37.   How many children chose guava and orange as their favourite fruit ?

[   ] children

38.   Twice as many children love apple than _____ .

[   ]

39.   Joe had $20. He paid $5 for his Maths textbook and $9 for his workbooks.
       How much money had he left ?

$ [   ]

40.   A box of sweets costs $3.25.
       A box of chocolates costs $7.20.
       How much more does the box of chocolates cost ?

$ [   ]

10

Section C (20 marks)
Questions 41 to 45 carry 4 marks each.
Show your working clearly in the space below each question.
Write a statement for each step.

41.   Lily has 1200 books. Alan has 294 fewer books than Lily .
       How many books do Lily and Alan have altogether ?

42.   There are 2610 children and twice as many adults watching a match at
      the stadium.
      a) How many adults are there ?
      b) If there are 3845 men, how many women are there ?

11

43.

	Price
Adult	$8
Child	$6

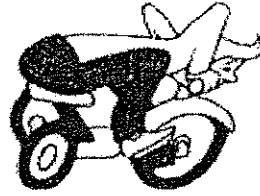Tickets to a concert cost $8 per adult and $6 per child.
Mrs Lim bought tickets for 8 adults and 6 children.
How much did she spend altogether ?

44.   For lunch, John bought fish and chips and a packet of drink.
He paid $8.70 and had $1.30 left.
The packet of drink cost $1.20.
a) How much did the fish and chips cost ?
b) How much money did he have at first ?
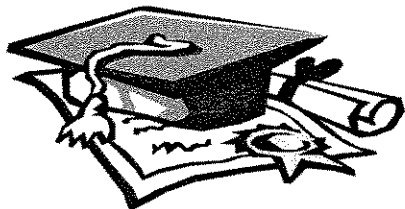
12

45.

bicycle
2 wheels

tricycle
3 wheels

There are some tricycles and 14 bicycles in a shop.
If there are 61 wheels altogether, how many tricycles are there in the shop ?

Remember to check your work!
Every mark counts.

13

ANSWER SHEET

MAHA BODHI PRIMARY SCHOOL   - PRIMARY 3 MATHEMATICS 2007
CONTINUAL ASSESSMENT (1)

1. 4	31) 27
2. 2	32) 81
3. 2	33) 3
4. 2	34) 7 cows
5. 4	35) 351m
6. 2	36) 4/7
7. 3	37) 54
8. 3	38) durian
9. 1	39) $6
10. 3	40) $3.95
11. 2	
12. 4	41) 1200-294=906
13. 2	Alan has 906 books
14. 2	1200+906=2106
15. 1	They have 2106 books altogether
16. 2	
17. 4	42) a) 2610x2=5220
18. 4	There are 5220 adults
19. 3	b) 5220-3845=1375
20. 4	There are 1375 women at the match
21. 9720	
22. 4068	43) $8x8=$64
23. 63	8 adults pay $64
24. 40	$6x6=$36
25. 5.00PM	$36+$64=$100
26. 40kg	She spend $100 altogether
27. ¼ , ½ , ¾	
28. 1210	44) a) $8.70-$1.20=$7.50
29. 522 cars	The fish and chips cost $7.50
30. 1416	b) $8.70+$1.30=$10.00
	He had $10.00 at first

45) 14x2=28
     14 bicycles have 28 wheels
     61-28=33
    The tricycles have 33 wheels
     33÷3=11
    The are 11 tricycles in the shop

Methodist Girls' School (Primary)

Primary 3

Continual Assessment 1 (2007)

Mathematics

Name: _____ (   )

Class: Pr 3 _____

Marks: _____

Section A (10 x ½ mark)
Mental Sums

1. _____   6. _____

2. _____   7. _____

3. _____   8. _____

4. _____   9. _____

5. _____   10. _____

Section B (5 x 2 marks)

Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets provided.

11.   3 896 = 6 + 90 + _____ + 3 000
       What is the missing number?

       (1)   8
       (2)   80
       (3)   800
       (4)   8 000   (   )

12.   Which one of the followings is 200 more than 5 429?

       (1)   5 229
       (2)   5 409
       (3)   5 449
       (4)   5 629   (   )

1

13.   5 x 5 = 5 + 5 + _____. What is the missing number?

   (1)   5
   (2)   10
   (3)   15
   (4)   25   (   )

14.   Mrs Tan weighs 56 kg. Her daughter is 19 kg lighter.
      What is their total mass?

   (1)   37 kg
   (2)   75 kg
   (3)   83 kg
   (4)   93 kg   (   )

15.   A television set cost $960. An oven cost $359. What is the
      difference in price?

   (1) $601
   (2) $609
   (3) $611
   (4) $619   (   )

2

Section C (15 x 1 mark)

Fill in each box with the correct answer.

16.   Six thousand, five hundred and eight written in numerals is

17. | | is 100 more than 3 682.

18.   350 is 30 less than | | .

19.   In 3 465, the value of the digit 6 is | | .

20.   Complete the number pattern.

| | , 5 620, 5 510, 5 400

21.   Arrange the following numbers in order, beginning with the largest.

3 856, 3 658, 3 865, 3 685

3

22.   Form the smallest 4-digit number with the digits 8, 4, 7, 2.

23.   The difference between 6 895 and 6 985 is

24.   Subtract 3 tens from 360. The answer is

25.   The sum of two numbers is 32. One of the numbers is 15.
      What is the other number?

26.   What is the product of 38 and 4?

27.   4 children shared 23 sweets equally.
      How many sweets were left?

4

28. A pair of shoes costs $19. What is the cost of 3 pairs of such shoes?

```
┌─────────────────┐
│                 │
│                 │
└─────────────────┘
```

29. Ali collects stamps as a hobby. He had 168 stamps. Then his uncle gave him some stamps. He now has 295 stamps. How many stamps did his uncle give him?

```
┌─────────────────┐
│                 │
│                 │
└─────────────────┘
```

30. What is the missing digit in the box?

```
      1   3   5   6
  +   5  [ ]  4   9
    ─────────────────
      6   4   0   5
    ─────────────────
```

5

Section D (5 x 4 marks)

Solve the following problems.
Show your working clearly in the space provided.

31.   A farmer had 1 600 apples. 256 of the apples were rotten and
      he threw them away. He sold 750 apples to the fruiterer.
      a)   How many apples were <u>not</u> rotten?
      b)   How many apples had the farmer left after selling the
   apples to the fruiterer?

32.   There were 700 adults at a concert.
      There were 275 children and 450 women at the concert.
      a)   How many men were at the concert?
      b)   How many people were at the concert altogether?

33. Mrs Raju made 1 250 pineapple tarts on Saturday.
   She made more 500 pineapple tarts on Sunday than on Saturday.
   a) How many pineapple tarts did she make on Sunday?
   b) How many pineapple tarts did she make on both days?

34. There were 48 Chinese books and 3 times as many English
   books in the class library. How many books were there altogether in
   the library?

35.   Mrs Tan paid a total of $47 for a blouse and 5 T-shirts. If the blouse cost $12, what was the cost of 1 T-shirt?
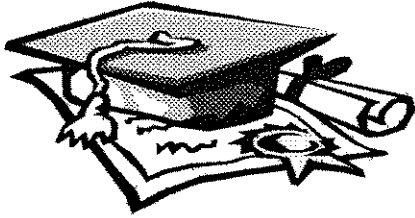
ANSWER SHEET

M G S PRIMARY SCHOOL - PRIMARY 3 MATHEMATICS 2007
CONTINUAL ASSESSMENT (1)

11) 3
12) 4
13) 3
14) 4
15) 1
16) 6508
17) 3782
18) 380
19) 60
20) 5730
21) 3865, 3856, 3685, 3658
22) 2478
23) 90
24) 330
25) 17
26) 152
27) 3
28) $57
29) 127
30) 0

31) a) 1600-256=1344
    1344 apples were not rotten.
    b) 1344-750=594
    The farmer still had 594 apples left.

32) a) 700-450=250
    There were 250 men at the concert.
    b) 700+275=975
    There were 975 people at the concert.

33)a)1250+500=1750

   Mrs Raju baked 1750 pineapple tarts on Sunday.

   b)1750+1250=3000

   Mrs Raju baked 3000 pineapple tart altogether.

34)a)48x3=144

   There are 144 English books in the class library.

   b)144+48=192

   There are 192 books altogether.

35)a)$47-$12=$35
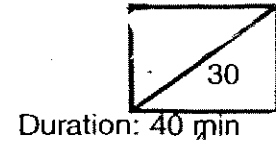
   The T-shirts cost $35 altogether.

   b)$35÷5= $7

   Each T-shirt cost $7 altogether.

---end---

Rosyth School
Mathematics Topical Test 2007
Primary 3

Name: _____ (   )

Class: Pr 3 -

Date: 6 March 2007   Parent's Signature: _____

Duration: 40 min

/30

Section A (10 marks)
Question 1 to 5 carry 2 marks each.
Choose the correct answer and write its number (1, 2 , 3 or 4) in the brackets provided.

1.   What is the missing number in the following number pattern?

   302 , _____ , 282 , 272.

(1) 202   (2) 292
(3) 312   (4) 402   (   )

2.   What must be added to 327 to make 1 000?

(1) 673   (2) 773
(3) 1 237   (4) 1 327   (   )

3.   What is the sum of 2 hundreds 3 tens and 12 ones?

(1) 224   (2) 242
(3) 602   (4) 620   (   )

4.   When 5 321 is added to 2 360, which digit is in the thousands place?

(1) 1   (2) 6
(3) 7   (4) 8   (   )

5.   How many 3-digit **odd** numbers can you make using the digits 0, 5 and 7
      without repeating any of the digits?

(1) 6   (2) 2
(3) 3   (4) 4   (   )

1

Section B (14 marks)
Questions 6 to 9 carry 1 mark each. Questions 10 to 14 carry 2 marks each,
For each question, show your working clearly in the space below each question and
write your answers in the answer spaces provided.

6.   What is five thousand, eight hundred and eleven in numerals?

7.   What is the value of 8 in 3 284 ?

8.   Rearrange the following numbers from the smallest to the biggest.

4 561 ,   5 416 ,   4 156 ,   5 164

Ans : _____

9.   Arrange the digits 2, 8, 7 and 9 to form the greatest 4-digit even number.

10. John collected 986 stamps. Sean collected 327 more stamps than him.
     How many stamps do they have altogether?

     stamps

2

11. My mother made some tarts. She sold 728 tarts on Monday and 631 tarts on Tuesday. She had 142 tarts left. How many tarts did she have at first?

	tarts

12. There were 1 072 ~~tennis balls~~ *ping pong balls* in a box. Father gave 138 ping pong balls to James and some ping pong balls to Peter. There were 723 ping pong balls left . How many ping pong balls did Father give to Peter?

	ping pong balls

13. There are 5 baskets. There are 7 oranges in each basket. How many oranges are there altogether?

	oranges

14. James reads 3 pages of a storybook everyday. What is the total number of pages of the storybook he will read in 9 days?

	pages

3

Section C (6 marks)
For questions 15 and 16, show your working clearly in the space below each question and write your answers in the spaces provided. The marks awarded for each question is given in brackets.

15.   Natalie has 420 sweets.
        Her sister, Megan has 125 less than Natalie.
        Their sister, Sheryl has 48 more sweets than Megan.
        How many sweets do they have altogether?

Answer : _____(3 m)

4

16.   The sum of two numbers is 19. The difference ~~of~~ two numbers is 5.
       What is the bigger number?

between the

Answer : _____(3 m)

----- END OF PAPER -----

5
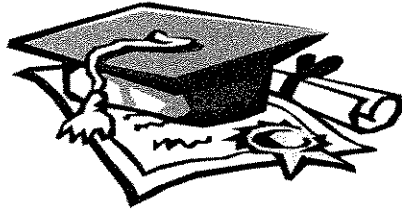
ANSWER SHEET

ROSYTH PRIMARY SCHOOL – PRIMARY 3 MATHEMATICS 2007
CONTINUAL ASSESSMENT ()

1. 2
2. 1
3. 2
4. 3
5. 2
6. 5811
7. 80
8. 4156,4561,5164,5416
9. 9872
10. 2299
11. 1501
12. 211
13. 35
14. 27
15. 1058
16. 12
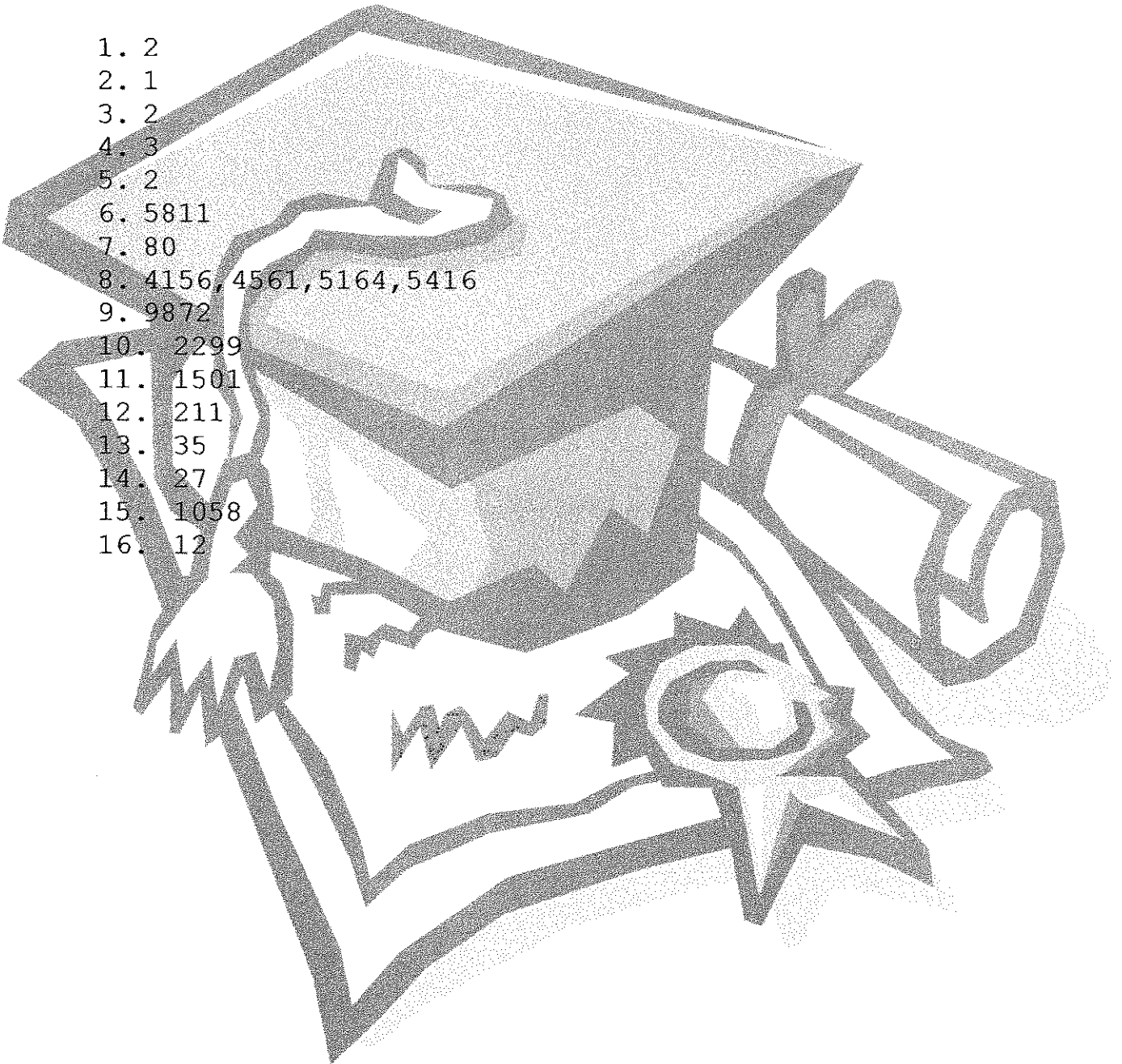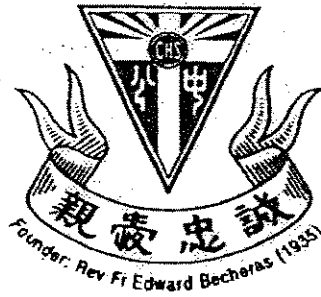
CATHOLIC HIGH SCHOOL
PRIMARY THREE
CONTINUAL ASSESSMENT 1
MATHEMATICS

100
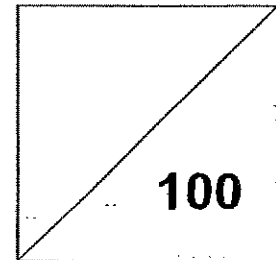
Name :_____(   )

Class : Pr. 3 _____

Date :   27 February 2007

Duration : 1 h 30 min

Parent's Signature/Date : _____

There are 14 pages consisting of 3 sections in this paper.

Section A : Multiple Choice Questions (MCQ)   20 x 2 marks

Section B : Open-ended Questions   20 x 2 marks

Section C : Story Sums   5 x 4 marks

Section A : Multiple Choice Questions (20 x 2 marks)
For each of the question from 1 to 20, four options are given. One of them is the correct answer. Make your choice (1 , 2 , 3 or 4). Shade the correct oval (1 , 2 , 3 or 4) on the Optical Answer Sheet (OAS).

1.   The value of the digit 4 in 9402 is _____.

      (1)   4000
      (2)   400
      (3)   40
      (4)   4

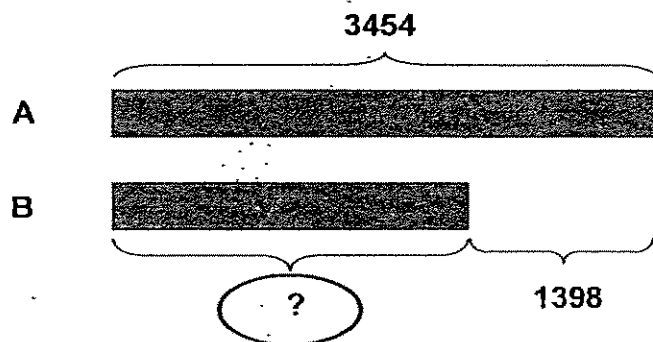2.   In 5276, the digit _____ is in the thousands place.

      (1)   5
      (2)   2
      (3)   6
      (4)   7

3.   The sum of 1736 and 4966 is _____.

      (1)   3230
      (2)   6602
      (3)   6702
      (4)   6692

4.   The difference between 4375 and 2586 is _____.

      (1)   1789
      (2)   2211
      (3)   2389
      (4)   6961

1

5.   Subtract 3070 from 5612. The answer is _____ .

      (1)   2040
      (2)   2042
      (3)   2542
      (4)   2662

6.   Look at the model below. Find the missing number in the oval.

      (1)   2056
      (2)   2144
      (3)   4852
      (4)   5510

7.   The product of 8 and 9 is _____ .

      (1)   17
      (2)   27
      (3)   72
      (4)   81

8.   Multiply 9 by 6.The answer is _____ .

      (1)   45
      (2)   54
      (3)   63
      (4)   72

2

9.   1000 less than 8246 is _____.

      (1)   7000
      (2)   7046
      (3)   7246
      (4)   9246

10.   Complete the following number sequence:

      3248 , _____ , 3468 , 3578 , 3688.

      (1)   3138
      (2)   3358
      (3)   3488
      (4)   3598

11.   Mr Pickles sold 3567 eggs on Saturday. He sold 1890 more
      eggs on Sunday than on Saturday. How many eggs did he sell
      on the two days?

      (1)   1677
      (2)   5244
      (3)   5457
      (4)   9024

12.   The sum of three numbers is 2178. The sum of four numbers is
      4316. What is the fourth number?

      (1)   2138
      (2)   2208
      (3)   2262
      (4)   6494

3

13. The difference between two numbers is 2947. The bigger number is 5378. What is the sum of the two numbers?

    (1)   2431
    (2)   5378
    (3)   7809
    (4)   8325

14. Fadzil has 7 Pokemon stickers. Brian has thrice as many stickers as Fadzil. How many Pokemon stickers do they have in all?

    (1)   7
    (2)   10
    (3)   21
    (4)   28

15. Joanne spent 63 days to finish reading 7 story books.
    If she took an equal number of days to read each book,
    how long did she take to finish reading two story books?

    (1)   9
    (2)   2
    (3)   14
    (4)   18

16. I am a number that has a digit 6 in the ones place.
    I have a zero in the tens place.
    I am greater than 2000 but smaller than 3000.
    The sum of all the digits is 9.
    What number am I?

    (1)   1206
    (2)   2016
    (3)   2106
    (4)   3006

4

17.   The difference between two numbers is 27.
       The bigger number is twice the smaller number.
       What is the bigger number?

       (1)   27
       (2)   2
       (3)   54
       (4)   81

18.   There were 28 more marbles in Box A than Box B. John
       transferred 9 marbles from Box B to Box A, how many more
       marbles were there in Box A at the end?

       (1)   10
       (2)   18
       (3)   37
       (4)   46

19.   Study the pattern of the following numbers. What is the missing
       number?

       (1)   21
       (2)   49
       (3)   56
       (4)   63

5
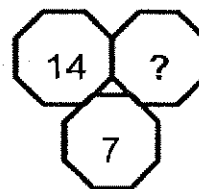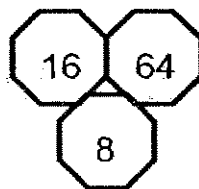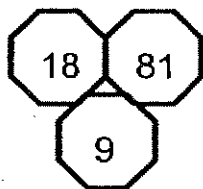
20.   I am thinking of a number.
      It is a 2-digit number.
      It is between 65 to 80.
      It can be counted in nines.
      What number am I thinking of?

      (1)   69
      (2)   72
      (3)   75
      (4)   79

Section B : Open-ended Questions (20 x 2 marks)
Write the correct answers in the answer boxes provided.

21.   Write the following in numeral.

      Five thousand and ninety-nine

22.   The sum of 6258 and 1457 is _____.
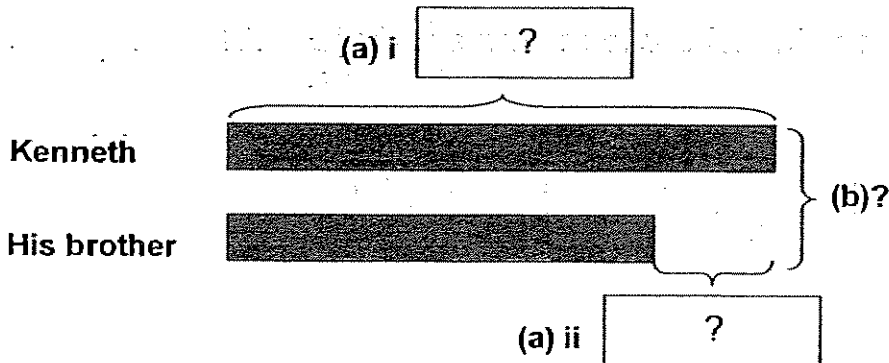
23.   Find the sum of the following model.

6
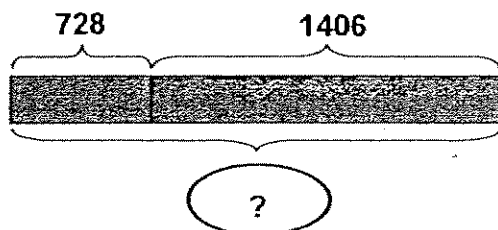
24. Find the difference between 8260 and 5512.

```
┌──────────────┐
│              │
└──────────────┘
```

25. Take away 3378 from 6216. The answer is _____ .

```
┌──────────────┐
│              │
└──────────────┘
```

26. Kenneth has 1534 coins. His brother has 189 fewer coins than him.
     (a) Find the missing number in the boxes.

(a) i [   ]

(a) ii [   ]

(b) How many coins do they have altogether?

(b) [   ] coins

7

27.   Divide a set of 48 pineapple tarts into 6 equal groups.

There are _____ pineapple tarts in each group.

28.   David had 24 more stickers than Tom. How many stickers must David give to Tom so that they will have the same number of stickers?

stickers

29.   Look at the numbers below. Study the pattern carefully. What is the next number?

Thousands	Hundreds	Tens	Ones
8	9	3	0
8	8	3	1
8	7	3	2
?	?	?	?

30.   Study the number pattern below. Find the missing number.

1,   3,   7,   13,   _____,   31

8

31.   Baker Tom made 2135 apple pies in a day.
      Baker Lim made 1245 more apple pies than Baker Tom.
      Baker Lim made _____ apple pies.

```
┌──────────────────┐
│                  │
│                  │
└──────────────────┘
```

32.   Bryan and Jerry had the same number of bookmarks.
      After Bryan gave 36 bookmarks to Jerry, Jerry had twice as
      many bookmarks as Bryan. How many bookmarks did each of
      them have at first?

```
┌──────────────────┐
│                  │
│         bookmarks│
└──────────────────┘
```

33.   Form the greatest odd number by using all the digits 5, 3, 2, 7.
      Then subtract 1221 from the number.
      What answer will you get?

```
┌──────────────────┐
│                  │
│                  │
└──────────────────┘
```

34.   Look at the numbers below.
      Write a subtraction sentence using the numbers below and
      fill in all the boxes.

```
        ╭─────────────────────────────╮
       ╱          402                   ╲
      │      157              245        │
       ╲            175                 ╱
        ╰─────────────────────────────╯
```

$$\boxed{} - \boxed{} = \boxed{}$$

9
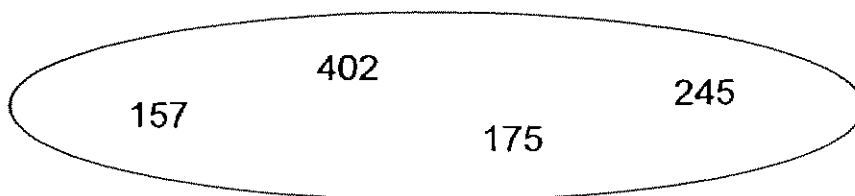
35. There are 7 strings of beads. There are 6 beads on each string. How many beads are used altogether?

beads

36. Using the clues below, fill in the missing digits.

		Thousands	Hundreds	Tens	Ones
A	First number	2	2		0
B	Second number	5		7	
C	Third number	3	1	5	

CLUES
- The ones digit of the third number is the greatest 1-digit number.

- The sum of all the ones digit is 12.

- The tens digit of the first number is 5 less than the tens digits of the third number.

- The hundreds digit of the second number is 2 more than the hundreds digit of the first number.

10

37.　**What is the value in the blank?**

❋ ＋ ❋ ＋ ❋ ＝ 18

❋ ＋ ❀ ＝ 11

☼ ＋ ☼ ＝ ❋

❋ ＋ ❀ ＋ ☼ ＝ ___?___

38.　**The missing number in the box is _____.**

$$\begin{array}{r} 5\ \ 0\ \ 0\ \ 0 \\ -\ 3\ \ \boxed{?}\ \ 4\ \ 1 \\ \hline 1\ \ 7\ \ 5\ \ 9 \end{array}$$

39.　Percy's mass is 21 kg.
Thomas' mass is 2 kg more than Percy.
Henry's mass is 5 kg less than Thomas.
Edward's mass is the total mass of Percy, Thomas and Henry.
What is Edward's mass?

kg

11

40.   Study the figures below. How many cubes are there in Figure 7?

Figure 1	Figure 2	Figure 3	Figure 7
			?

<div align="right">
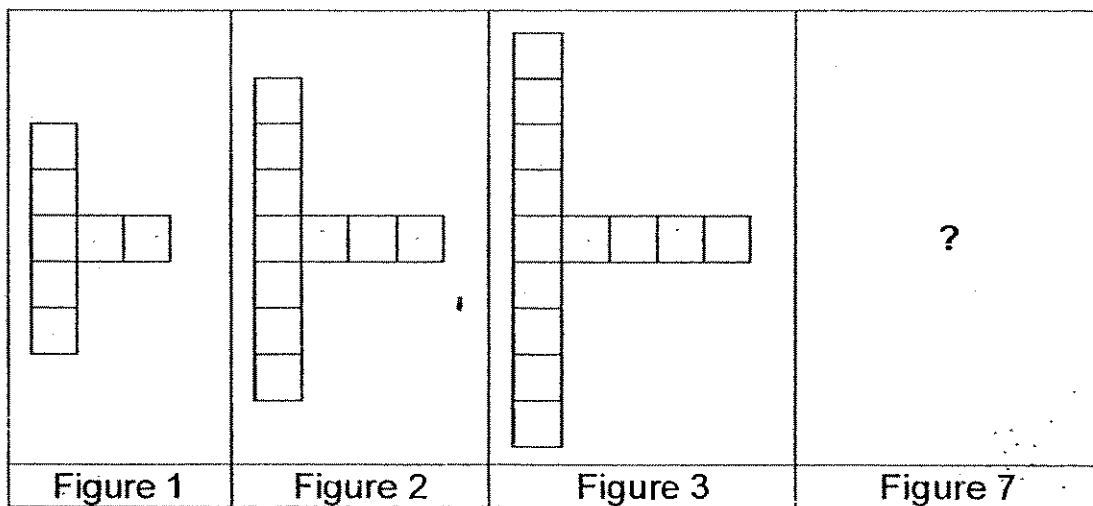
```
                    cubes
```
</div>

Section C : Story Sums (5 x 4 marks)
Solve the following story sums. All **workings** must be shown clearly.

41.   There were 1290 children at the Children's Day Carnival in the
       morning. 2456 children went in the early afternoon. Another 345
       children went in the late afternoon. How many children were at
       the Children's Day Carnival?

42. Mrs Foo wants to buy a washing machine which costs $1873.
    She has saved $925. How much more does she need to save?

43. Mrs Lee used 100g of sugar on two days.
    If she used 76g more sugar on Monday than on Tuesday,
    how much sugar did she use on Tuesday?

13

44.   Shumin bought 60 oranges. She packed 6 oranges into each bag.

   (a) How many bags of oranges were there?

   (b) If she packs the oranges into boxes of 5, how many boxes will she need?

45.   Each pail can hold 7 litres of water.
      How many such pails are needed to hold 56 litres of water?

-----End of Paper-----
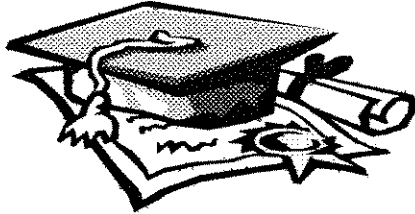
14

ANSWER SHEET

CATHOLIC HIGH PRIMARY SCHOOL – PRIMARY 3 MATHEMATICS 2007
CONTINUAL ASSESSMENT (1)

1. 2	33) 6302	37) 14
2. 1	34) 402-245=157	38) 2
3. 3	35) 42 beads	39) 62 kg
4. 1	36) a) 0	40) 25 cubes
5.	b) 4,3	
6.	c) 9	
7. 3		
8. 1	41) 1290+2456=3746	
9. 3	3746+345=4091	
10. 2	4091 children at the Children's	
11. 3	Day Carnival.	
12. 2		
13. 4	42) $1873-$925=$948	
14. 1	She need $948 to save.	
15. 3		
16. 4	43) 12	
17. 4		
18. 3	44) a) 60÷6=10	
19. 3	There were 10 bags of oranges.	
20. 4	b) 60÷5=12	
21. 2	She will need 12 boxes.	
22. 2		
23. 5099	45) 8x7=56	
24. 7715	8 such pails are needed to hold	
25. 2134	56 litres of water.	
26. 2748		
27. 2838		
28. a) i) 1534		
a) ii) 189		
b) 2879	---end---	
27.8		
28. 12 stickers		
29. 8633		
30. 21		
31. 3380		
32. 108		

AI TONG SCHOOL

2007
SEMESTRAL ASSESSMENT 1
PRIMARY 3

MATHEMATICS

DURATION : 1 H 30 MIN

DATE   **: 11 May 2007**

INSTRUCTIONS
Do not open the booklet until you are told to do so.
Follow all instructions.
Answer all questions.

Name   : _____ ( )

Class   : Primary 3_____   Marks: /100
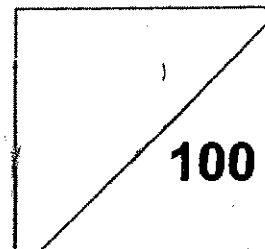
| Parent's Signature | : _____ |
| Date | : _____ |

SECTION A
Question 1 to 20 carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3, or 4). Shade the oval (1, 2, 3, or 4) on the Optical Answer
Sheet.   (40 marks)

---

1   Which of the following has the same value as 5604?

1)   560 + 4

2)   500 + 600 + 4

3)   5000 + 600 + 4

4)   5000 + 600 + 40

2   7 thousands and 6 hundreds = _____ .

1)   760

2)   7006

3)   7060

4)   7600

3   How many hundreds are there in 8200?

1)   82

2)   2

3)   200

4)   820

1

4   In 9453, what is the value of digit 4?

1) 4×1

2) 4×10

3) 4×100

4) 4×1000

5   A fruit seller had 1005 apples and 410 durians. He sold 765 fruits. How many fruits were left?

1)   650

2)   750

3)   1415

4)   2810

6   What is the sum of 26 hundreds and 5 ones?

1)   260

2)   265

3)   2605

4)   2650

7   4569 is **10 tens** less than _____ .

1)   4469

2)   4559

3)   4579

4)   4669

2

8   Mrs Tay baked 2537 buns on Saturday. She baked 186 more buns on Sunday than on Saturday. How many buns did she bake on Sunday?

1)   2413

2)   2423

3)   2613

4)   2723

9   John has 40 stickers. Mary has thrice as many stickers as he. How many stickers does Mary have?

1)   80

2)   120

3)   160

4)   180

10   When a number is divided by 6, the quotient is 72. What is the number?

1)   12

2)   78

3)   432

4)   522

11   62 × 3 is the same as 6 × _____ .

1)   31

2)   186

3)   372

4)   1116

3

12   What is the product of 852 and 6?

   1)   846

   2)   858

   3)   5112

   4)   8526

13   Weiming had 268 marbles. He put them in groups of 7. How many extra marbles would there be?

   1)   38

   2)   2

   3)   261

   4)   1876

14   How many 10 cents are there in $8.80?

   1)   8

   2)   88

   3)   880

   4)   8800

15   Mrs Tan bought a blouse and a skirt. She gave the cashier $100 and got back $23.70. If the skirt cost $48.90, how much was the blouse?

   1) $25.20

   2) $27.40

   3) $72.60

   4) $76.30

4

16　　If 2 pencils cost $1, how much will 16 such pencils cost?

　　　　1)　　$8.00

　　　　2)　　$9.00

　　　　3)　　$16.00

　　　　4)　　$32.00

17　　What is 152 g less than 2 kg?

　　　　1)　　48 g

　　　　2)　　848 g

　　　　3)　　1848 g.

　　　　4)　　2152 g

18　　The mass of a packet of onions is 500 g. A packet of rice is twice as heavy as the packet of onions. What is the total mass?

　　　　1)　　1000 g

　　　　2)　　1500 g

　　　　3)　　2000 g

　　　　4)　　2500 g

19   Liming ran round the playground 4 times. If she ran 600 m altogether, what was the distance she ran in one round?

   1)   15 m

   2)   150 m

   3)   240 m

   4)   2400 m

20   The length of a tennis court is about 30 _____ .

   1)   m

   2)   cm

   3)   km

   4)   mm

SECTION B
Questions 21 to 40 carry 2 marks each.
Write your answers in the spaces provided.   (40 marks)

21   Write one hundred and forty-eight dollars and five cents in figures.

Ans: $_____

22    $600 + $ _____ $= 3000 - 400$

Ans: _____

23    $504 \div 8$ is the same as $7 \times$ _____ .

Ans: _____

24   Benson is 12 years old now. He is 25 years younger than his father. How old will his father be in 10 years' time?

Ans: _____ years old

7

8

25

| Start ? | → | Subtract 14 | → | Multiply by 6 | → | End 600 |
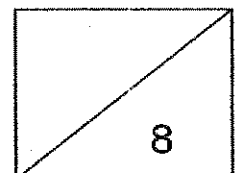
What is the start number ?

Ans: _____

---

26   Complete the number pattern below.

1268 , 1248 , 1208 , 1148,   _____ .

Ans: _____

---

27   How many wheels do 12 cars and 9 motorcycles have altogether?

Ans: _____ wheels

---

28   What is the difference between 9000 and 2989?

Ans: _____

8

8
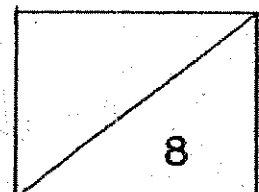
29　Ming Hwa had 94 cm of ribbon.　She cut it into 5 equal pieces and had 14 cm of it left.　What was the length of each piece of ribbon?

Ans: _____ cm

30

3	6	8	5
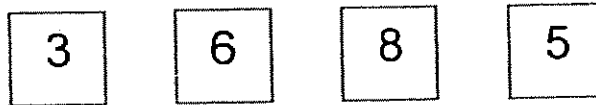
Form the largest **even** number. What is the digit in the hundreds place?

Ans: _____

31　2551 adults visited the zoo. There were 1352 fewer children than adults. How many children were there?

Ans: _____ children

9
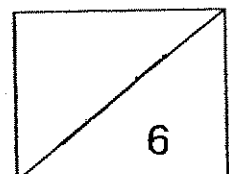
32 If $\square + \triangle + \stackrel{\star}{} = 32$,

$\square + \triangle = 22$,

$\square + \stackrel{\star}{} = 17$,

what is $\triangle + \stackrel{\star}{}$?

Ans: _____

33 A toy plane costs \$16.75. A toy train cost \$4.80 less than the toy plane. How much does the toy train cost?

Ans: \$_____

34 Write 3097 g in kilograms and grams.

Ans: _____ kg _____ g

35 When I divide a number by 8, its quotient is also 8 and its remainder is 6. What is the number?

Ans: _____

10

8
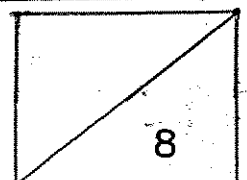
36   Mrs Lee used 2500 g of flour to bake some cakes. She had 3400 g of flour left. How much flour had she at first?

Ans: _____ kg _____ g

---

37   I am thinking of a number between 36 and 46. When I divide it by 7, its remainder is 5. When I divide it by 9, its remainder is 4. What is the number?

Ans: _____

---

38   Ribbon A is 36 cm long. Ribbon B is 15 cm longer than ribbon A. The total length of ribbon B and ribbon C is 79 cm. How long is ribbon C?

Ans: _____ cm

6

11
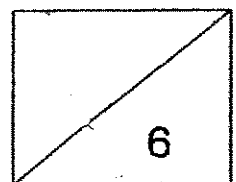
39   A florist sold 962 flowers. She sold 256 more roses than sunflowers. How many sunflowers did she sell?

Ans: _____

40   Mr Singh worked 9 days and was paid $882 in all. If he was paid the same amount a day, how much was he paid a day?

Ans: $ _____
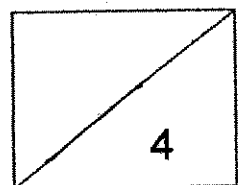
4

12

SECTION C
Questions 41 to 45 carry 4 marks each.
For questions 41-45, show your working clearly in the space provided for
each question .   (20 marks)

41   The total length of 2 pencils is equal to the total length of 3 markers.
      Each marker is 18 cm long.
      How much longer is a pencil than a marker?

42   Alex has 66 more coins than Ben. Ben has 22 fewer coins than Charles. They

      have 724 coins altogether. How many coins does Ben have?

8

13
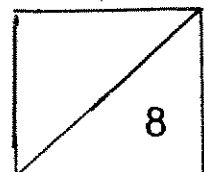
43   Mr. Fu bought 8 boxes of chocolates. There were 97 chocolates in one box. He then repacked them into packets of 6. How many chocolates were left?

44   A radio costs twice as much as a calculator. 4 radios cost $280. How much does a calculator cost?

14

8
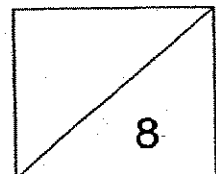
45   There are 27 ducks and goats in a farm. They have 76 legs in all.

How many ducks are there? How many goats are there?

- End of paper -

Check your work carefully

4

ANSWER SHEET

AI TONG PRIMARY SCHOOL - PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

1. 3	31)1199 children
2. 4	32)25
3. 1	33)$11.95
4. 3	34)3kg 97g
5. 1	35)70
6. 3	36)5kg 900g
7. 1	37)40
8. 4	38)28cm
9. 2	39)353 sunflowers
10. 3	40)$98
11. 1	41)18x3=54
12. 3	54÷2=27
13. 2	27-18=9
14. 2	It is 9cm longer.
15. 2	
16. 1	42)724-66-22=636
17. 3	636÷3=212
18. 2	Ben have 212 coins.
19. 2	
20. 1	43)97x8=776
21. $148.05	776÷6=129R2
22. 2000	2 chocolates were left.
23. 9	
24. 47	44)$280÷4=$70
25. 114	$70÷ 2=$35
26. 1068	It cost $35
27. 42	
28. 6011	45)There are 16 ducks and 11 goats.
29. 16cm	
30. 5	

3.   Which one of the following has the smallest value ?

    (1)   80 - 10
    (2)   80 + 10
    (3)   80 × 10
    (4)   80 ÷ 10

4.   When Jessie plays hide-and-seek, she counts, " 145, 140, 135, 130 ...".
    Which of the following statement is true ?

    (1)   Jessie is counting forward in fives.
    (2)   Jessie is counting forward in tens.
    (3)   Jessie is counting backwards in fives.
    (4)   Jessie is counting backwards in tens.

5. $9 + 9 + 9 + \boxed{} = 5 \times 9$.

    The missing value is _____ .

    (1)   9
    (2)   18
    (3)   27
    (4)   36

6.   If   ◆ + ◆ + ☻ = 24

    And ◆ + ☻ = 20

    Then ☻ + ☻ = ?

    (1)   32
    (2)   16
    (3)   8
    (4)   4

7.   What must be added to 486 and 726 to make 2000 ?

    (1)   788
    (2)   1212
    (3)   1274
    (4)   1514

8.　　4 hundreds less than 4444 is ＿＿＿＿＿＿ .

　　(1)　4440
　　(2)　4404
　　(3)　4044
　　(4)　4000

9.　　Which of the following numbers can be divided by 5 without leaving a remainder ?

　　(1)　152
　　(2)　501
　　(3)　554
　　(4)　925

10.　　48 marbles are shared equally among 3 boys.
　　　How many marbles do 2 boys have ?

　　(1)　8
　　(2)　12
　　(3)　24
　　(4)　32

11.　　I am an odd number between 30 and 50. I am not divisible by 5
　　　but I am divisible by 7. What number am I ?

　　(1)　28
　　(2)　35
　　(3)　42
　　(4)　49

3

12. Study the pattern below:

2	4
6	8

8	16
24	A

32	64
96	128

The value of A is _____ .

(1) 24
(2) 32
(3) 48
(4) 64

13. Mary bought 5 pears altogether. How much did she have to pay ?

(1) $2.50
(2) $3.20
(3) $3.00
(4) $3.50

Buy 3 for $1.80

1 for 70 ¢
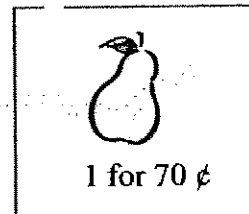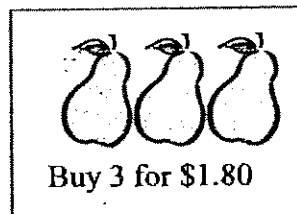
14. 8 fifty-cent coins is the same as _____ .

(1) $5
(2) $2
(3) $8
(4) $4

4

15.   What is the total value of the coins shown below ?
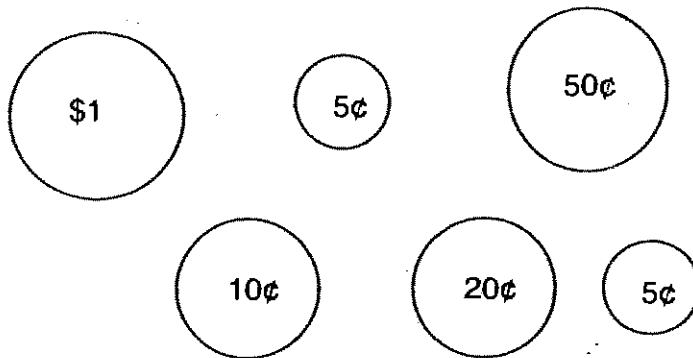
(1) $1.80
(2) $1.85
(3) $1.90
(4) $1.95

16.   The length of the classroom floor is about _____ .

(1)   12 cm
(2)   120 cm
(3)   12 m
(4)   12 km

5

17.
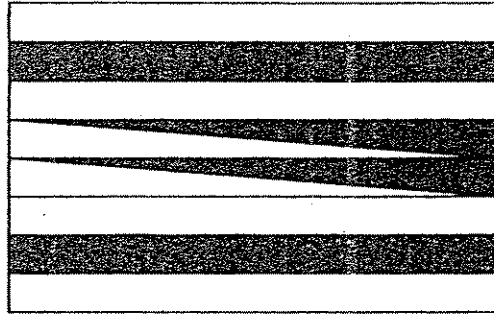
What fraction of the above figure is **shaded** ?

(1) $\dfrac{2}{8}$

(2) $\dfrac{3}{8}$

(3) $\dfrac{4}{8}$

(4) $\dfrac{5}{8}$

18.
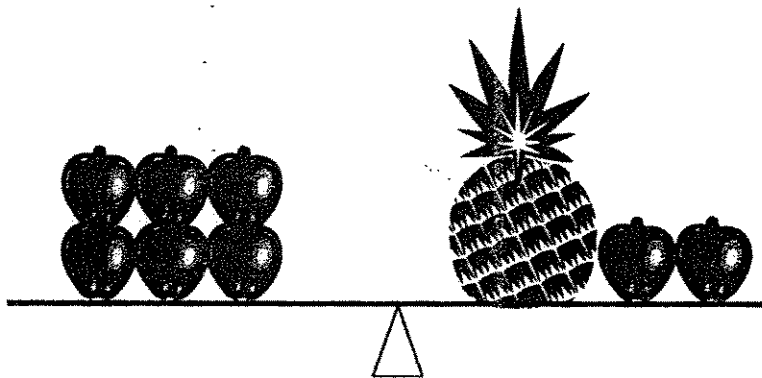
The mass of the pineapple is 840g .
What is the mass of each apple ?

(1)   105 g
(2)   140 g
(3)   168 g
(4)   210 g

19.
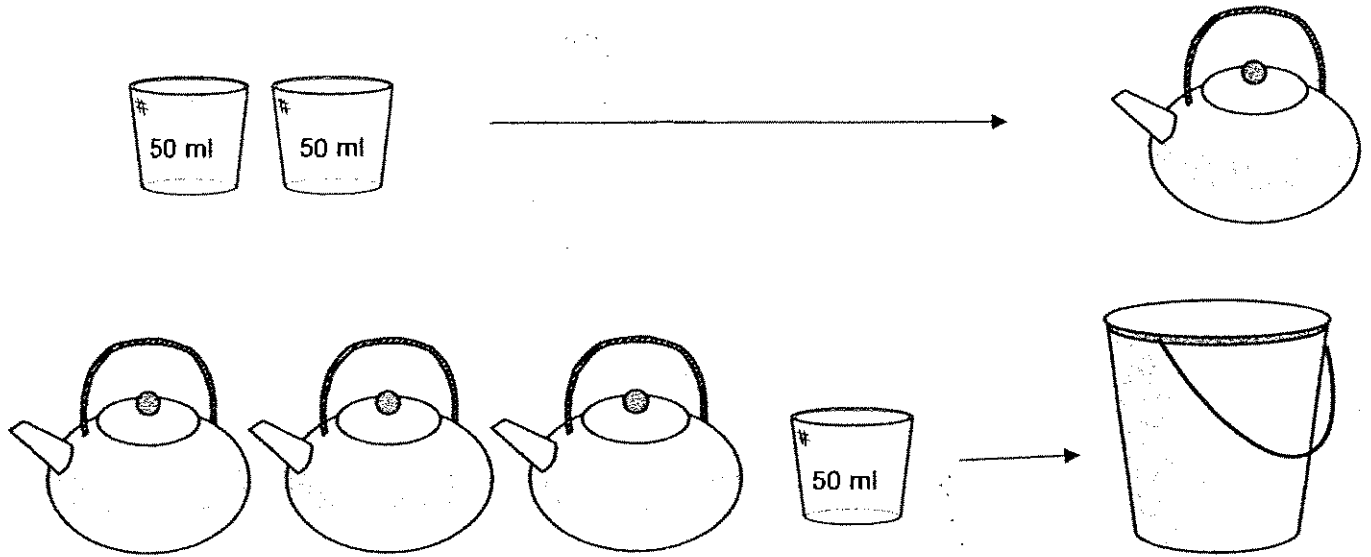
How much water can the pail hold ?

(1)　100 ml
(2)　150 ml
(3)　300 ml
(4)　350 ml

20.　What is the time shown on the clock below ?
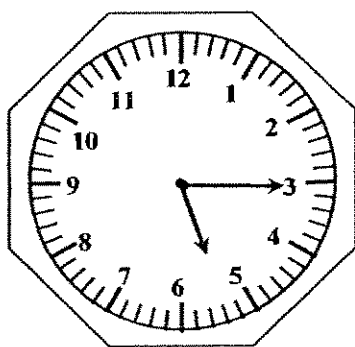
(1)　3.25
(2)　3.50
(3)　5.15
(4)　6.15

7

Maha Bodhi School

2007 Semestral Assessment 1

Mathematics

Name : _____ (   )

Class : Pr 3 _____

Duration : 1 h 45 min

Date   :   9 May 2007

Parent's Signature : _____

Section A (40 marks)	
Section B (40 marks)	
Section C (20 marks)	
Total (100 marks)	

BOOKLET B

Section B (40 marks)

Questions 21 to 40 carry 2 marks each.

Write your answers in the boxes provided. Give your answers in the units stated.

Show your working in the space provided. Marks will be awarded for correct method shown.

21.   Write 9844 in words.

_____

22. $3506 = 2000 +$ _____ $+ 6$

23.   Form the smallest even number with the digits 8 , 7 , 2 , 9 .

8

24.   Complete this number pattern

3975 , _____ , 3905 , 3870

25.   Divide 54 by 4. The remainder is _____ .

26.   Mr Lim has 932 oranges. He sold 234 of them and threw away 74 rotten ones.
How many oranges has he left ?

oranges

27.   John bought 48 marbles. He shared them with 2 friends.
How many marbles did each of them have ?

marbles

28.

$81 \times 8 = \boxed{} \times 9 \times 8$

The missing number in the box is _____ .

9

29.   A fish tank contains 6 litres of water It is only half filled with water. What is the capacity of the fish tank ?

litres

30.   The sum of two numbers is 508. If the first number is 239 , find the second number .

31.   333 added to the product of 9 and 6 is _____ .

32.   The time shown on the clock below is 20 minutes faster than the actual time. The actual time is _____ p.m.

p.m.

10
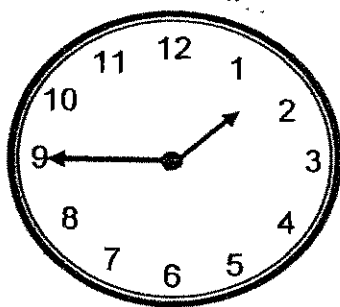
33. At Eunos MRT station, 15 passengers alighted from the train and
     19 passengers boarded it. There were 158 passengers in the train after that.
     How many passengers were in the train at first ?

passengers

34. Arrange the fractions in order. Begin with the greatest .

$$\frac{1}{8} \ , \ \frac{3}{8} \ , \ \frac{3}{7}$$

___ , ___ , ___

35. $\frac{6}{7} - \frac{2}{7} = \boxed{}$

36. String A is 6 cm long. String B is 10 cm longer than String A.
     String C is twice as long as String B.
     The total length of the 3 strings is _____ .

cm

11

37.   Jeremy placed a packet of rice on the weighing scale and it showed 250 g.
How many packets of rice had to be placed on the weighing scale
so that it would show 2 kg ?

packets

38.

$10

[ ]

$2.05
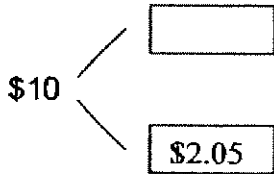
What is the missing amount in the box ?

$

39. Mr Lee bought a shirt. He gave the cashier $20 and received
a change of $10.10 . How much did the shirt cost ?

$

40. Mr Sammy gives $ 2.50 to each of his 3 sons for their pocket money.
What is the total amount of pocket money given ?

$

12

Section C (20 marks)
Questions 41 to 45 carry 4 marks each.
Show your working clearly in the space below each question.
Write a statement for each step.

41.   Miss Tan has some stickers. If she gives 3 stickers to each of the 37 children in her class, she has 10 stickers left. How many stickers does Miss Tan have at first ?

42.   Jeremy's mother is 28 years older than Jeremy. If Jeremy is 11 years old in 2 years' time, how old is Jeremy's mother now ?

13

43.   Mindy has 8 boxes of flowers. Each box contains 6 flowers.
      She takes all the flowers and puts them into 4 equal bunches.
      How many flowers are there in each bunch ?

44.   Bala planted 6 seedlings in a row . The seedlings were planted at the same
      distance apart . The distance between the first and the third seedlings was
      12 cm . What was the distance between the first and the sixth seedlings ?

14

45. A television set and 2 Mickey handphones cost as much as
     5 Mickey handphones. If the television set costs $570,
     what is the cost of 5 Mickey handphones ?

Remember to check your work!
Every mark counts.
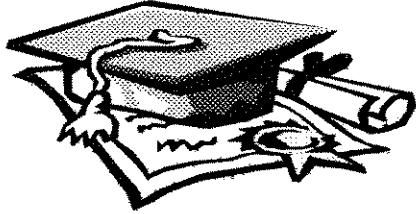
15

ANSWER SHEET

MAHA BODHI PRIMARY SCHOOL   – PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

1. 4
2. 3
3. 4
4. 3
5. 2
6. 1
7. 1
8. 3
9. 4
10. 4
11. 4
12. 2
13. 2
14. 4
15. 3
16. 3
17. 2
18. 4
19. 4
20. 3
21. Nine thousand, eight hundred and forty-four
22. 1500
23. 2798
24. 3940
25. 2
26. 624
27. 16
28. 9
29. 12
30. 269
31. 387
32. 1.25

33) 154
34) 3/7, 3/8, 1/8
35) 4/7
36) 54
37) 8
38) $7.95
39) $9.90
40) $7.50

41)
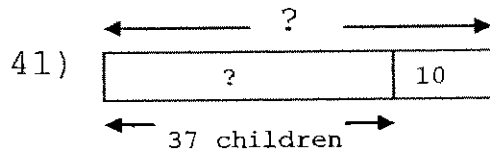
Miss Tan gave 111 stickers to her class.
111+10=121
Miss Tan had 121 stickers at first.

42)
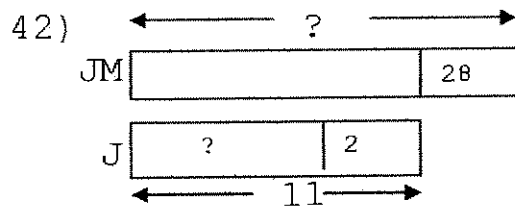
11-2=9
Jeremy is 9 years old
28+9=37
Jeremy's mother is 37 years.

43) 8x6=48
Mindy had 48 flowers
48÷4=12
There are 12 flowers in each bunch.

44) 12cm÷2=6cm
Distance between 1st and 2nd is 6cm.
6x5=30cm
Distance between 1st and 6th seedling is 30cm.

45) 3 Mickey HP→$570
$570÷3=$190.
1 Mickey HP→$190
$190x5=$950
Cost of 5 Mickey HP is $950.

---end---

Methodist Girls' School (Primary)

Mid-Year Examination 2007

Primary Three

Mathematics

Name : _____ (   )

Class   : Pr 3 _____

Marks : _____

Section A (20 x 2 marks)

Read each question carefully. Choose the correct answer and write
its number in the brackets provided.

1.   In 17 283, what is the value of the digit **7** ?

          (1)   7
          (2)   70
          (3)   700
          (4)   7 000   (   )

2.   Which one of the following is the same as 5 410 ?

          (1)   five thousand and forty-one
          (2)   fifty-four hundreds and one ten
          (3)   5 000 + 400 + 1
          (4)   5 010 + 40   (   )

3.   Which one of the following numbers has the digit **8** in the
        hundreds place ?

          (1)   7 980
          (2)   8 970
          (3)   9 708
          (4)   9 807   (   )

4.   What is the sum of 25 tens and 14 hundreds ?

          (1)   165
          (2)   390
          (3)   1 650
          (4)   3 900   (   )

5.   What is the difference between 3 985 and 7 124 ?

          (1)   3 139
          (2)   3 241
          (3)   4 139
          (4)   4 861   (   )

1

Section B (20 x 2 marks)

Write your answers in the boxes provided. Show your working.

21.   What is the missing number in the number pattern ?

1 625,   1 735,   1 845, _____

22.   Arrange the numbers in order. Begin with the smallest number.

3 246

3 624

3 426

3 264

23.   Using all the digits given, what is the largest even number that can be formed, with the digit 3 in the tens place ?

2   3   5   0

24.   200 less than [   ] is 2 815.

What is the number in the box ?

6

25.   What is the missing number in the box ?

```
      7  5  2  9
   —  2  3  □  1
      _____
      5  1  8  8
```

26.   There were 40 passengers in a big bus and 12 passengers less in a small bus. What was the total number of passengers in the two buses ?

27.   The sum of two numbers is 120. If one number is twice the other number, what is the smaller number ?

28   Ravi needs 2 000 raisin buns for a party. He has 1 126 raisin buns. How many more raisin buns does he need?

29.   Mother bought 4 trays of eggs. Each tray had 10 eggs. How much money did Mother pay for all the eggs if each egg cost 10 cents ?

$

30.   What is the quotient when 700 is divided by 5 ?

7

31.   What is the remainder when 156 is divided by 7 ?

32.   My father can take a maximum of 4 people in his car. What is the least number of trips he has to make to take 21 people to the Singapore Zoological Gardens in his car ?

33.   I think of a number. When I divide it by 3 and add the quotient to 16, the answer is 25. What is the number ?

34.   A = 2 sevens + 6 sevens
       A + B = 100
       What is B ?

35.   △ + △ + ☆ = 38

       ☆ + ☆ + ☆ = 36

             △ + ☆ = ?

       What is the missing number ?

8

36.   What is the <u>sum</u> of the value of the digit **6** in 6 029 and 1 356 ?

37.   Which number in the box is the odd one out ?

| 187 | 284 | 639 | 971 |
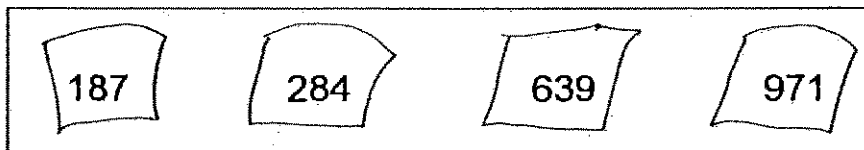
38.   How many twenty-cent coins have the same value as
      6 fifty-cent coins ?
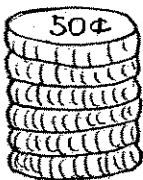
39.   Mrs Tan earns $8 an hour. How many hours must she work to
      earn $808 ?

      hours

40.   How many cents are there in $12 ?

      cents

9

Section C   (5 x 4 marks)

Solve the following problems. Show your working clearly.

41.   A laptop cost $2 110. A computer cost $386 less than the laptop. How much would Ahmad have to pay if he bought both the laptop and the computer ?

42.   Maya has 35 Malaysian stamps. She has 8 times as many Singapore stamps as Malaysian stamps. How many stamps does she have in all ?

10

43. Suresh wanted to buy a motorcycle from Ali. It cost $9 000. He had only $8 055.
    a)   How much more money did he need ?
    b)   He took 7 months to pay the rest of the money to Ali. If he paid the same amount of money each month, how much would he have to pay each month ?

44. Mdm Rafiah bought 9 boxes of tarts. Each box contained 18 tarts. She distributed the tarts equally to all her pupils. Each pupil received 6 tarts. How many pupils were there in her class?

11

45. James has 10 books more than Tom and 16 books less than Ahmad. Ahmad has 56 books.
   (a) How many books has Tom ?
   (b) If James sold his books at $3 each to a second-hand bookshop, how much money would he get ?
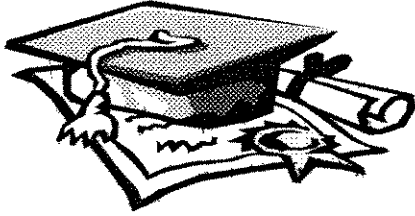
ANSWER SHEET

M G S PRIMARY SCHOOL   –   PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

1. 4		34) 44
2. 2		35) 25
3. 4		36) 6006
4. 3		37) 284
5. 1		38) 15
6. 1		39) 101
7. 4		40) 1200
8. 3		
9. 4		
10. 2		
11. 2		
12. 4		
13. 2		
14. 4		
15. 1		
16. 2		
17. 2		
18. 1		
19. 2		
20. 4		
21. 1955		
22. 3246, 3264, 3426, 3624		
23. 5230		
24. 3015		
25. 4		
26. 68		
27. 40		
28. 874		
29. $4.00		
30. 140		
31. R2		
32. 6		
33. 27		

41)

L	$2110	
C	?	$386

} ?

$2110-$386=$1724
The computer cost $1724
$2110+$1724=$3834
He would have to pay $3834.

42)

M	35							
S	35	35	35	35	35	35	35	35

} ?

35x8=280
She has 280 Singapore stamps.
35+280=315
Maya has 315 stamps altogether.

43) a) $9000-$8055=$945
   He will need $945 more.
   b) $945÷7 =$135
   He would have to pay $135 each month.

44) 18x9=162
   She bought 162 tarts altogether.
   162÷6=27
   There are 27 pupils in her class.

45) a)

A	56	
J		16
T	?	10

56-16=40
James has 40 books.
Tom has 30 books.

b) 40x$3=$120
   James will get $120

---end---

RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1
2007

Your Score Out of **100** marks		
	Class	Level
Highest score		
Average score		
Parent's Signature		

ame : _____ (   ) Class: P3___

MAY 2007   MATHEMATICS   ATT: 1 h 45 min

SECTION A (40 marks)

Question 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Write your answer (1, 2, 3 or 4) in the brackets provided.

1. In 5803, the digit **0** is in the _____ place.

    (1) ones
    (2) tens
    (3) hundreds
    (4) thousands   (   )

2. Nine thousand and eighty-one is the same as _____.

    (1) 9018
    (2) 9081
    (3) 9801
    (4) 9810   (   )

3. 2047 + 997 = _____.

    (1) 2934
    (2) 2944
    (3) 3044
    (4) 3047   (   )

4. Find the value of 6918 – 519.

    (1) 6389
    (2) 6399
    (3) 6401
    (4) 7437   (   )

(1) 41
(2) 240
(3) 1276
(4) 1476

( )

6. When 60 is divided by 8, what is the remainder ?

(1) 68
(2) 52
(3) 6
(4) 4

( )

7. What is the total amount of money shown below ?
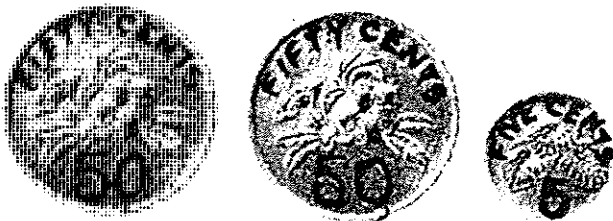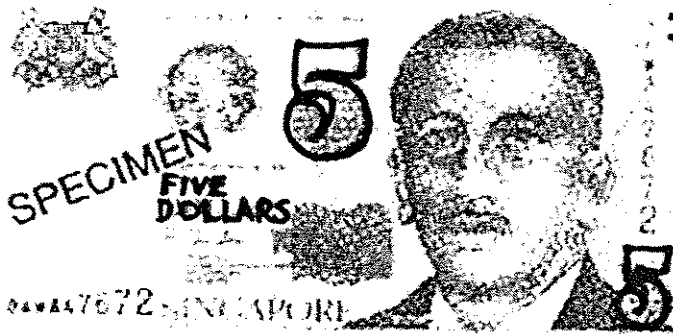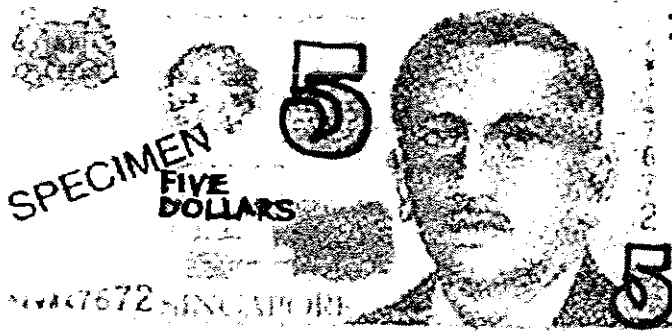
(1) $ 13.05
(2) $ 13.50
(3) $ 14.05
(4) $ 14.50

( )

8. Which one of the following measurements is the **shortest** ?

    (1) 429 cm
    (2) 4 m 10 cm
    (3) 4 m
    (4) 4 m 95 cm   (   )

9. Mary started her ballet lesson at 5.10 p.m. and ended at the time
    shown below. How long was Mary's ballet lesson ?
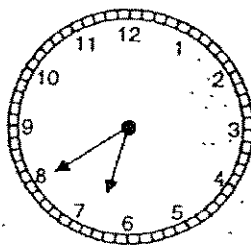
    (1) 1 h 30 min
    (2) 2 h 10 min
    (3) 2 h 30 min
    (4) 3 h 50 min   (   )

10. Complete the number pattern.

    81, 91, 191, 201, _____, 311

    (1) 101
    (2) 211
    (3) 301
    (4) 310   (   )

11.

$$\begin{array}{r} 3\ \ 7\ \ 2\ \ 6 \\ +\ \ 5\ \ \boxed{?}\ \ 8\ \ 4 \\ \hline 9\ \ 1\ \ 1\ \ 0 \end{array}$$

What is the missing number ?

(1) 6
(2) 8
(3) 3
(4) 4

(   )

12. 8060 = ☐ + 600.

(1) 2060
(2) 7460
(3) 8000
(4) 8660

(   )

13. What is the missing number in the diagram ?
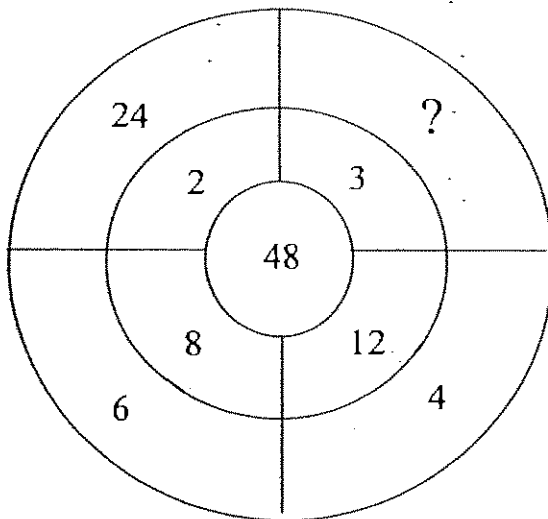
(1) 16
(2) 45
(3) 51
(4) 144

(   )

14. How many groups of 4 must be added to 12 to make 36 ?

(1) 6
(2) 8
(3) 20
(4) 24   (   )

15. Beatrice bought the following items from a shop.
How much did she spend altogether ?

Note Book	Pen	Eraser
$3.85 each	$1.45 each	80¢ each

(1) $5.38
(2) $6.00
(3) $6.10
(4) $13.30   (   )

16. Mr Tan bought 4 pizzas at $18 each. He paid the cashier two $50 notes. How much change did he receive ?

(1) $22
(2) $28
(3) $32
(4) $72   (   )

17.
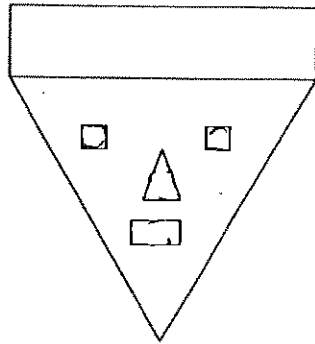
The above figure is made up of _____.

(1) 1 rectangle, 2 squares and 1 triangle
(2) 1 rectangle, 2 squares and 2 triangles
(3) 2 rectangles, 2 squares and 2 triangles
(4) 2 rectangles, 2 squares and 1 triangle   (   )

18. A box contains some red and blue marbles. There are 480 red
marbles and 220 more blue marbles than red marbles.
How many marbles are there in the box altogether ?

(1) 700
(2) 920
(3) 1080
(4) 1180   (   )

19. Annie has 25 stamps. Ben has 5 times as many stamps as Annie.
How many stamps must Ben give to Annie so that both of them have
equal number of stamps ?

(1) 50
(2) 75
(3) 125
(4) 150   (   )

20. Lily went to a sports shop with $90.40. She bought a racket for
$30.90. She also bought a bag that cost $12 less than the racket.
How much money had she left ?

(1) $16.60
(2) $40.60
(3) $42.90
(4) $47.50   (   )

SECTION B (40 marks)

Question 21 to 40 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

21. Write the numeral 6940 in words.

22.

A		C		E
7986		2073		3207

	B		D	
	6789		7023	
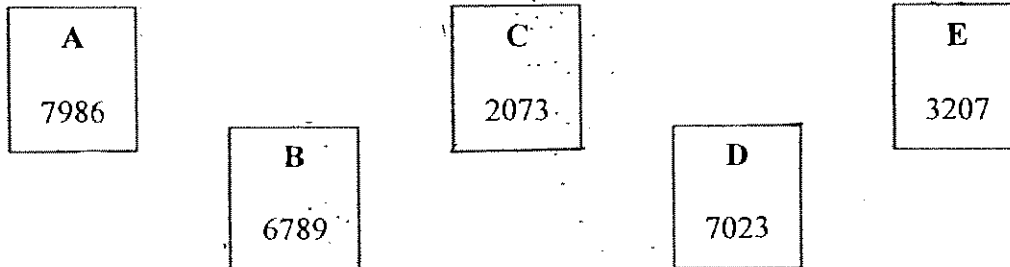
In a Math quiz, participants need to pick 2 cards from the above to get a sum of 9996. Which 2 cards must they pick ?

Ans: Card _____ and Card_____

23. Find the difference between 5566 and 6655

Ans: _____

24. Multiply 537 by 8.

Ans: _____

25. What is the quotient of 393 ÷ 4 ?

Ans: _____

26. "One hundred and two dollars and five cents."
     Express the above amount in numeral.

Ans: $_____

27. Glenn bought 150 cm of ribbon. He used 85 cm of it to tie a birthday present. The
     remaining ribbon was cut into pieces of length 5 cm each. How many pieces could
     he get ?

Ans: _____

28. When 456 is added to 1420, the digit _____ is in the hundreds place.

Ans: _____

29.

If $\heartsuit$ + $\square$ = 180 pens

then $\heartsuit$ + $\heartsuit$ + $\square$ + $\square$ = _____ pens

Ans:_____

30. 7 + 14 + 28 = $\boxed{}$ X 7

Ans: _____

31. When I divide the sum of all even numbers between 20 and 30 by 6, I will get a remainder of _____.

Ans: _____

32. Complete the pattern.

△□□○○ , ○△□□○ , ○○△□□ , _____ , □□□○○△

Ans: _____

33. Mr Simon reached a coffee shop at 11.50 a.m. to have his lunch. He stayed there for
     1 h 15 min. What time did he leave the coffee shop ?

                                        Ans: _____

34. In order to form a complete circle, Ali will need

     [   ] semicircle/s or   [   ] quarter-circle/s.

35.
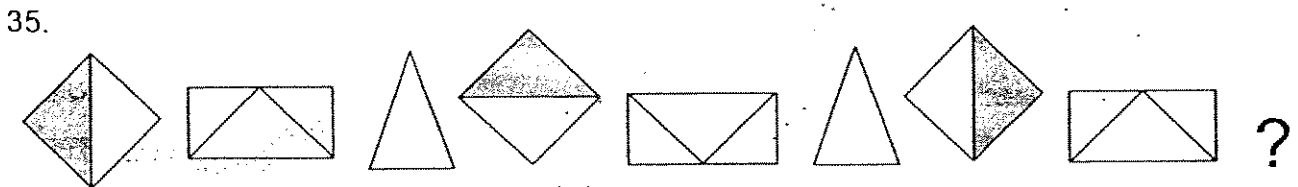
     What comes next ? Draw the correct shape.

                                        Ans: _____

36. Anna went to a shop to exchange one $5 note for one $2 note, three 50¢ coins,
     three 10¢ coins and some 20¢ coins. How many 20¢ coins did she get ?

                                        Ans: _____20¢ coins

37. The diagram below is a magic square. All the numbers going across, down and diagonally added up to the same total.

    Find the number in the shaded square.

	▓	8
	6	7
4		

    Ans: _____

38. If the pattern below continues until it reaches the number 0.
    Find the answer.

    $20 - 19 + 18 - 17 + 16 - 15 + \ldots\ldots + 6 - 5 + 4 - 3 + 2 - 1 + 0 = $ _____

    Ans: _____

39. A bakery shop sells cup cakes in packets of 6. It is giving three free cup cakes for every two packets sold. How many cup cakes will Mary have in all if she buys 8 packets of cup cakes ?

    Ans: _____cup cakes

40. A cafeteria sells 8 cartons of drinks each day. If there are 24 packets of drinks in a carton, how many packets of drinks does the cafeteria sell in 5 days ?

Ans: _____ packets

SECTION C (20 marks)

For question 41 to 46, show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

41. The sum of two numbers is 8400. If the bigger number is 6600,

(a) Find the smaller number

(b) Find the difference between the two numbers.

Ans: a)_____[1m]

Ans: b)_____[2m]

42. At a wholesaler, cranberry juice was imported in cartons of 8 bottles each. The wholesaler wanted to repack his 82 cartons of cranberry juice into gift packages of 3 bottles each. How many gift packages would he have ?

Ans: _____[3m]

43. Peter and Hannah had 256 stickers altogether. After receiving 48 stickers from Hannah, Peter had 28 stickers fewer than her. How many stickers did Hannah have at first ?

Ans: _____[3m]

44. Mrs Lee gave Jamie the exact amount of money to buy 12 files. Jamie bought 8 files instead and had $20 left. How much money did Mrs Lee give Jamie ?

Ans: _____[3m]

Page 14 of 15

45. There were 36 bicycles and tricycles in a rental shop. If there were 97 wheels altogether, how many bicycles were there in the shop ?

Ans: _____ [4m]

46. Ada bought an equal number of red and blue pens. Each red pen cost $3 and each blue pen cost $5. If she paid a total of $824, how many pens did she buy altogether ?

Ans: _____ [4m]

-End of Paper-
Please check your work carefully ☺

Setters: Ho Kai Huat
         Clara Chin
         Leong Oon Ho

Page 15 of 15

ANSWER SHEET

RAFFLES GIRLS' PRIMARY SCHOOL   - PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

1. 2
2. 2
3. 3
4. 2
5. 4
6. 4
7. 1
8. 3
9. 1
10. 3
11. 3
12. 2
13. 1
14. 1
15. 3
16. 2
17. 3
18. 4
19. 1
20. 2
21. six thousand, nine hundred and forty.
22. B, E
23. 1089
24. 4296
25. 98
26. $102.05
27. 13
28. 8
29. 360
30. 7
31. 4
32. □○○△□
33. 1.05p.m

34) 2, 4
35) △
36) 6
37) 1
38) 10
39) 60
40) 960

41) a) 8400-6600=1800
The smaller number is 1800
b) 6600-1800=4800
The difference between the
two number is 4800.

42) 82x8=656
656÷3=218R2
He would have 218 gift
packages.

43) 256-28-48-48=132
132÷2=66
66+48+28+48=190
Hannah had 190 stickers
of first.

44) 12-8=4
4 files→$20
1 file→$20÷4=$5
12 files→12x$5=$60
Mrs Lee gave Jamie $60

45) There are 11 bicycles in
the shop.
46) $3+$5=$8
$824÷8=103
103x2=206
She bought 206 pens altogether

HENRY PARK PRIMARY SCHOOL
MID-YEAR EXAMINATION 2007
MATHEMATICS
PRIMARY 3

100
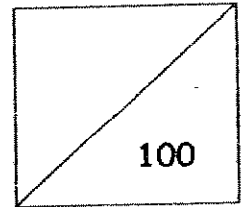
NAME: _____ (

Date:_____

CLASS: PRI 3 _____   Duration: 1hr 30 min

Section A: (20 x 2 marks = 40 marks)
Choose the correct answer and write its number in the brackets provided.
You are required to shade the OAS at the end of the examination.

1.   In 5690, the digit 9 stands for _____.

   (1) 9 ones
   (2) 9 tens
   (3) 9 hundreds
   (4) 9 thousands   (   )

2.   Look at the following number pattern.

      5216, 5228, 5240, _____, 5264, 5276.

      The missing number in the pattern is _____.

      (1)   5238
      (2)   5242
      (3)   5252
      (4)   5260   (   )

3.   What is the difference between 545 and 2380?

      (1)   1835
      (2)   1845
      (3)   2835
      (4)   2925   (   )

1

4. Subtract 14 tens from 2867.

      (1)   2277
      (2)   2727
      (3)   2853
      (4)   2881   (   )

5. The sum of 4213 and 2786 is _____.

      (1)   1427
      (2)   2573
      (3)   6999
      (4)   7009   (   )

6. There are 8 groups of 7 pupils in a camp. How many pupils are there in the camp altogether?

      (1)   48
      (2)   49
      (3)   54
      (4)   56   (   )

7. Divide 568 by 3. The quotient is _____.

      (1) 167
      (2) 169
      (3) 187
      (4) 189   (   )

8. What is the product of 379 x 9?

      (1)   3072
      (2)   3348
      (3)   3411
      (4)   3501   (   )

9. Which of the following has the same value as 5600?

    (1)   56 ones
    (2)   56 tens
    (3)   56 hundreds
    (4)   56 thousands   (   )

10. 60 less than 4610 is _____.

    (1)   4540
    (2)   4550
    (3)   4650
    (4)   4670   (   )

11. The table below shows the number of apples Mr Tan sold over three days. How many apples were sold on Wednesday?

Day	Number of apples sold
Tuesday	420
Wednesday	?
Thursday	234
Total	985

    (1)   331
    (2)   565
    (3)   654
    (4)   751   (   )

3

12. What is the missing digit in the box?

```
    6  4  8  9
-   4 [ ] 8  7
_____
    1  8  0  2
```

(1) 6
(2) 2
(3) 8
(4) 4

(   )

13. 700 more than 2045 is _____.

(1) 1345
(2) 1750
(3) 2745
(4) 3150

(   )

14. Halim had a box of pencils. He put 6 pencils in a row as shown below.

He managed to make 4 such rows of pencils.
How many pencils were in the box at first?

(1) 10
(2) 16
(3) 24
(4) 30

(   )

4

15. ⟡ represents a number.

   ⟡ + ⟡ + ⟡ = 105

   What does ⟡ + ⟡ + ⟡ + ⟡ + ⟡ + ⟡ represent?

   (1)   108
   (2)   116
   (3)   180
   (4)   210   (   )

16.   A tortoise moves 4 metres every 5 minutes. How many minutes would it take to move 24 metres?
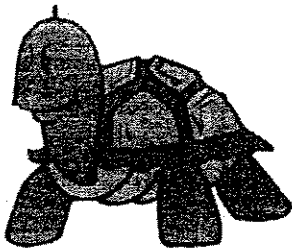
   (1)   29 minutes
   (2)   30 minutes
   (3)   33 minutes
   (4)   44 minutes   (   )

17.   Mr Tan cycled a distance of 1600 m. Mr Lim cycled 400 m further than Mr Tan. What was the total distance covered by the two men?

   (1)   1200 m
   (2)   2000 m
   (3)   3600 m
   (4)   4000 m   (   )

5

18.   12 hundreds + 13 tens = _____
       What is the missing number?

       (1)   133
       (2)   250
       (3)   1330
       (4)   2500   (   ).

19.   _____ ÷ 6 = 14 R 9
       What is the missing number?
       (1)   68
       (2)   93
       (3)   138
       (4)   143   (   ).

20.   Mary was given a bottle of cough syrup as shown below.

       Cough Syrup
       280ml
       1 spoonful = 4ml
       Take 2 spoonfuls
       everyday
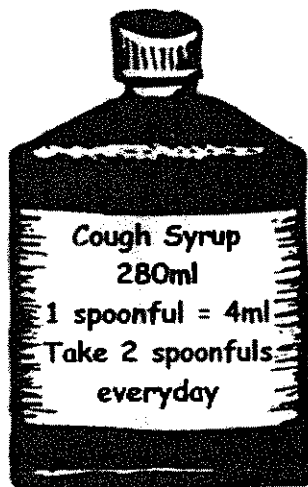
       How many days would Mary take to finish the whole bottle of cough syrup?

       (1)   35 days
       (2)   70 days
       (3)   90 days
       (4)   140 days   (   )

6

<u>Section B: Open-Ended (20 x 2 marks = 40 marks)</u>
Read the following questions carefully and write your answers in the boxes provided.
Show all your workings clearly.

21. In the number 5486, the value of the digit 8 is _____.

```
┌─────────────┐
│             │
└─────────────┘
```

22. The whole number between 639 and 641 is _____.

```
┌─────────────┐
│             │
└─────────────┘
```

23. Use the digits given below to form the greatest 4-digit number.
     Each digit can only be used once.

| 2 | 0 | 4 | 8 |

```
┌─────────────┐
│             │
└─────────────┘
```

7

24. The difference between two numbers is 320. If the greater number is 2980, what is the smaller number?

Greater Number | _____ |
Smaller Number | _____ |← 320 →|
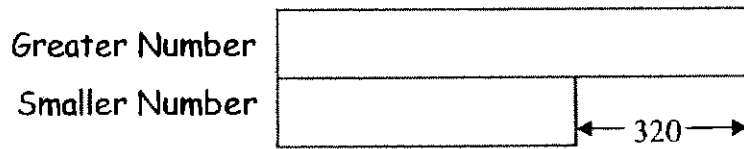
25. How many different odd numbers are there between 11 to 20?

26. A box contains 35 chocolate muffins. How many chocolate muffins will John have if he buys 9 such boxes?

8

27. Mr Wong won a $1500 voucher during his company lucky draw. Which were the items he should buy if he wanted to spend as close to $1500 as possible?
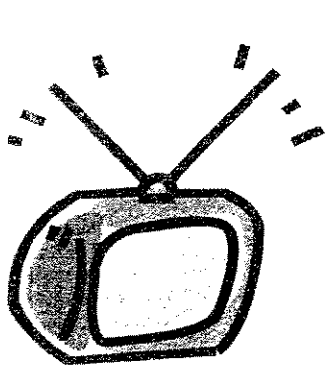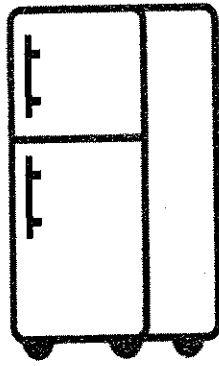
| TV Set $1200 | Refrigerator $850 | Radio $150 | Fan $75 |

28. Find the value of P and Q in the following pattern?

657, 647, P , 597, 557, 507, Q

P = [   ]

Q = [   ]

29. Fill in the blank.

_____ ÷ 8 = 69

[   ]

9

30. A farmer had 4320 chickens. He sold 1000 chickens and gave 220 chickens to Mr Ali. How many chickens had he left?

31. Mr Tan had an elephant, a cow and a pig.
    What is the total mass of the three animals?
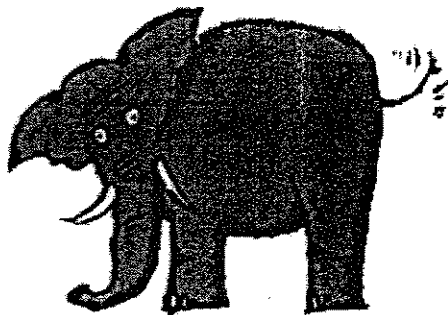
| 205kg | 165kg | 109 kg |

kg

10
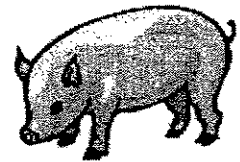
32. The total number of adults and children who visited a funfair was 6349. If there were 1340 children at the funfair, how many adults were there?

```
┌──────────────┐
│              │
└──────────────┘
```

33. Write a multiplication sentence and a division sentence based on the illustration below.

(a) ☐ X ☐ = ☐
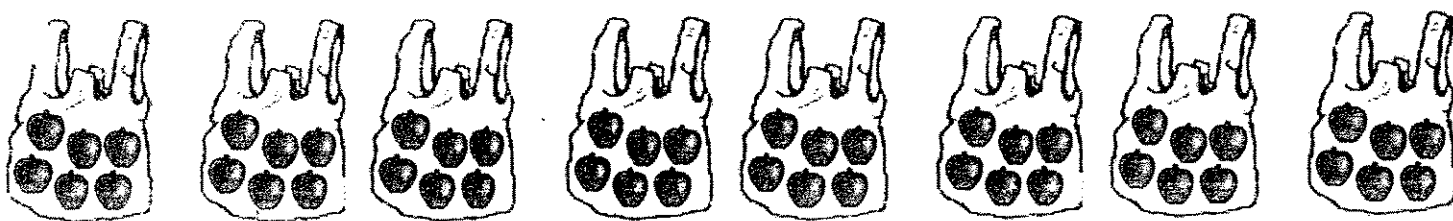
(b) ☐ ÷ ☐ = ☐

34. A group of 12 girls shared a box of erasers. After they had taken 5 erasers each, there were 4 erasers left in the box. How many pencils were there at first?

```
┌──────────────┐
│              │
└──────────────┘
```

11

35. Chee Meng's class sold T-shirts at a school funfair.
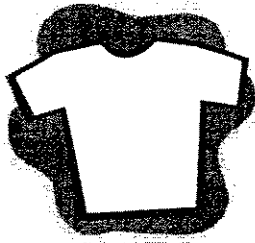
T-shirts
$5 each

They sold 5 T-shirts every hour. How much money did they receive in 4 hours?

$ [   ]

36. After buying 6 chairs at $89 each, Dylan had $450 left. How much money did he have at first?

$ [   ]

37. Study the diagram carefully.

72   36
  8   4
     9
 10   5
90   ?

What is the missing number in the circle?

[   ]

12
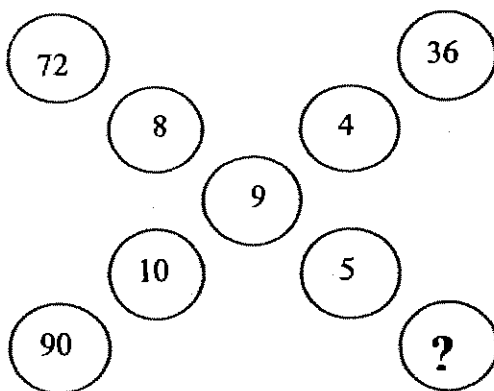
38. There are 3 boxes labelled A, B and C.
    The mass of Box A is 1500 kg.
    Box B is 320 kg lighter than Box A.
    Box C is 208 kg heavier than Box B.
    What is the mass of Box C?

	kg

39. Add the largest 3-digit number to the largest 2-digit number. What is the answer?

Largest 3-digit number **+** Largest 2-digit number **=** ?
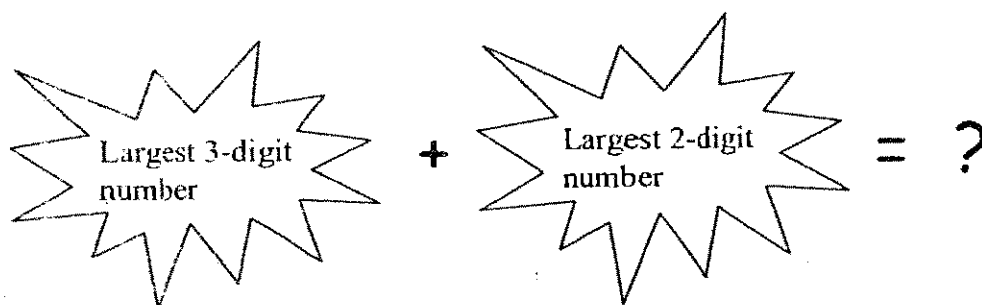
40. Sandy arranged some grey and white beads as shown below. Following the pattern, how many grey beads would she have if she had 8 white beads?

○ ● ○ ● ● ○ ● ○ ● ● …?

13

Section C: Problem Sums (5 x 4 marks = 20 marks)
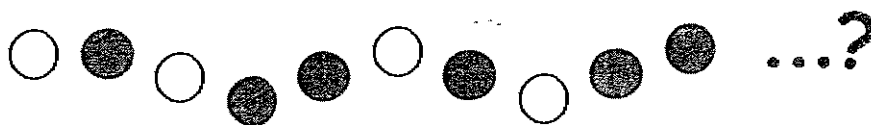
Read the problem sums carefully before solving it.

Show all your workings clearly.

41.   Jayden had 1680 marbles. After giving Adrian and Johnny some marbles, he had 890 marbles left. If 254 marbles were given to Johnny, how many marbles were given to Adrian?

42.   There were 356 passengers on a train. 82 passengers got down and 53 people got up the train at Happy Avenue. How many people were on the train after Happy Avenue?

14
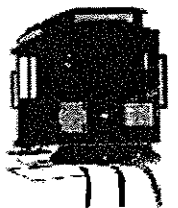
43. John had 9 bags of candies. He gave 5 bags of candies away. He then had 304 candies left. If each bag contained the same number of candies, how many candies did he have at first?

44. Peter had some five-dollar notes. After buying a pair of roller blades for $411, he had $239 left. How many five-dollar notes did he have at first?

$411

15
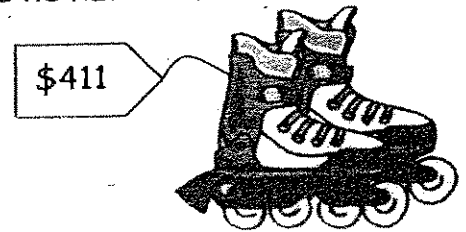
45. Xiaomei wants to save up for a car. She saved $578 in January, $857 in February, $1336 in March and $2015 in April and so on. How much would she have saved in July?

Month	January	February	March	April	May
Amount saved	$578	$857	$1336	$2015	. . .

The End

Have you checked your work?

Setters:
Ms Elaine Ng
Ms Tan YH

16
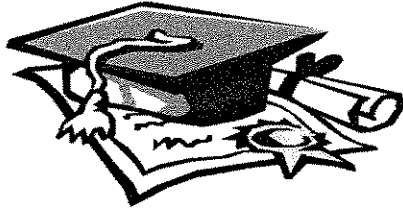
ANSWER SHEET

HENRY PARK PRIMARY SCHOOL – PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

1. 2
2. 3
3. 1
4. 2
5. 3
6. 4
7. 4
8. 3
9. 3
10. 2
11. 1
12. 1
13. 3
14. 3
15. 4
16. 2
17. 3
18. 3
19. 2
20. 1
21. 80
22. 640
23. 8420
24. 2660
25. 4
26. 315
27. TV set, Radio and Fan
28. P=627
    Q=447
29. 552
30. 3100

32) 5009
33) a) 6x8=48
    b) 48÷8=6
34) 64
35) $100
36) $984
37) 45
38) 1388kg
39) 1098
40) 12
41) 536 marbles
42) 327 passengers
43) 684 candies
44) 130
45) $5252

Tao Nan School
Primary 3 Mathematics Mid-Year Examination - 2007

Name: _____ (   )   Date: 11 May 2007

Class: Pr 3 (   )   Time: 7.45 a.m. – 9.15 a.m.

Parent's Signature: _____   Marks: _____ / 100

Section A (20 marks)

Questions 1 to 10 carry 1 mark each. Questions 11 – 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3, 4). Shade the correct answer on the Optical Answer Sheet (OAS).

1.   9300 = _____

(1)   93 ones
(2)   93 tens
(3)   93 hundreds
(4)   93 thousands

2.   In 7653, the digit _____ is in the hundreds place.

(1)   5
(2)   6
(3)   3
(4)   7

3.   2095¢ = _____

(1) $ 2.95
(2) $ 20.95
(3) $209.05
(4) $ 209.50

1

4.   Find the difference between 6006 and 404.

(1)   5566
(2)   5602
(3)   6402
(4)   6410

5.   8 groups of 5 is the same as _____.

(1)   8 + 8 + 8 + 8 + 8 + 8 + 8 + 8
(2)   5 + 5 + 5 + 5 + 5 + 5 + 5 + 5
(3)   8 + 8 + 8 + 8 + 8
(4)   5 + 5 + 5 + 5 + 5

6.   Five thousand, four hundred and fourteen is the same as _____.

(1)   5400
(2)   5404
(3)   5414
(4)   5440

7.   Divide 73 by 7. The remainder is _____.

(1)   10
(2)   2
(3)   3
(4)   7

8.   Find the product of 524 and 7.

(1)   3528
(2)   3568
(3)   3648
(4)   3668

2

9.   152 stickers were shared equally among 8 children. How many stickers
      would each child get?

(1)   10
(2)   18
(3)   19
(4)   20

10.   6800 + 2300 + 3 = _____

(1)   6803
(2)   6830
(3)   8303
(4)   9103

11.   Subtract 401 from 2130.
      In the answer, the digit _____ is in the **tens** place.

(1)   1
(2)   2
(3)   7
(4)   9

12. | 42 ÷ 6 | is the same as | ? + 3 |

      The missing number is _____.

(1)   7
(2)   6
(3)   5
(4)   4

3

13.

```
          4   4
      _____
   3) 1 [ ] 3
      1  2
   _____
         1   3
         1   2
   _____
              1
```

The missing digit is _____.

(1)   1
(2)   2
(3)   3
(4)   4

14.   Look at the pattern carefully.

```
              ┌──────────┐
              │    20    │
         ┌────┴────┬─────┴────┐
         │         │          │
    ┌────┴───┬─────┴───┬──────┴───┐
    │   4    │    5    │    6     │
 ┌──┴───┬────┴───┬─────┴───┬──────┴──┐
 │  2   │   2    │    3    │    3    │
 └──────┴────────┴─────────┴─────────┘
```

Study the pattern.
The missing numbers are _____ and _____.

(1)   4 and 16
(2)   6 and 14
(3)   9 and 11
(4)   10 and 10

4

15. ♡ ♡ ♡ ♡ = ☆

☆ ☆ = 24

The value of ♡ is _____.

(1) 12
(2) 6
(3) 3
(4) 4

Tao Nan School
Primary 3 Mathematics Mid-Year Examination – 2007

Name: _____ (   )

Class: Pr 3(   )

Section B		40
Section C		40
Total		80

Section B (40 marks)

Each question carries 2 marks. Write your answers in the boxes provided. For answers which require units, give your answers in the units stated.

16.   Write 8019 in words.

_____

_____

17. | 5 X 3 | is the same as | 3 + 3 + 3 + | ? |

The missing number is _____.

Ans: [   ]

18.   400 X 6 = _____

Ans: [   ]

19. $87 \div 3 =$ _____.

Ans: [   ]

20.   Solve the following:

$$963$$
$$\times \quad 7$$
$$\overline{}$$
$$\overline{}$$

Ans: [   ]

21.   A stool has 3 legs. How many stools are there if there are 33 legs?

Ans: [   ]

22.   Solve the following:

```
  ? | 3  18  2
-   2   4   4  9
  ———————————
      6   9   3  3
  ———————————
```

The missing digit is _____.

Ans: [   ]

7

23. $11.00 - $0.65 = _____

Ans: $ _____

24.   What is the smallest 4-digit **even** number that can be formed with the digits 1, 5, 0, and 8?

Ans: _____

25.   Complete the number pattern.

72, 67, _____, 57, 52

Ans: _____

26.   What is the quotient of 299 ÷ 4?

Ans: _____

8

27. In 4065, the digit 4 is in the _____ place.

Ans: [   ]

28.

5 for $2.00   3 for $1.00
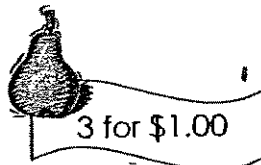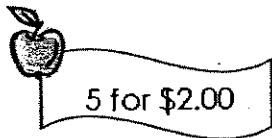
I have $7.50. After buying 15 apples, how many pears can I buy with the remaining amount of money?

Ans: [   ]

29. Ben has eight 50¢ coins and four 20¢ coins. He needs to buy a book that costs $5. How much more money does he need?

Ans: [$]

30. [100 - 25] is the same as [? X 3] .

The missing number is _____.

Ans: [   ]

9

Arrange the digits **1, 2** and **4** in the boxes to make the greatest product.
Each number can only be used once.

31.

Greatest Product

☐ ☐

X ☐

32. How many 20–cent coins can be exchanged with $5?

Ans:

33. The product of two numbers is 30. The difference between the two numbers is 1. What are the numbers?

Ans:

10

34.   Jack has 144 marbles. Billy has 3 times as many marbles as Jack. How many marbles do they have altogether?

Ans: _____

35.   What is the missing number?

9		6		4
	18		?		8

Ans: _____

11
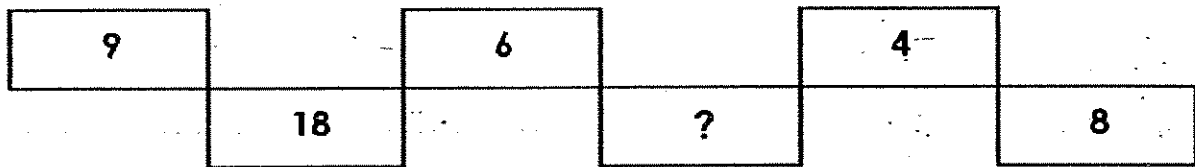
Section C (10 X 4 marks)

Each question carries 4 marks. Show your working and statement clearly in the spaces provided.

36.   Isabel collected 435 seashells. Her sister collected 169 less seashells than her. How many seashells did her sister collect?

Ans: _____

37.   There are 63 books on 7 shelves. There is an equal number of books on each shelf. How many books are there on each shelf?

Ans: _____

12

38. Alice has three cards. The number on the second card is twice that of the first card.
The third card is twice that of the second card.
What is the number on the third card?

2
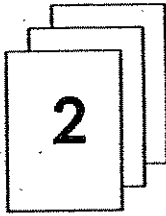
Ans: _____

39. Kenneth has 24 stamps. Ryan has 6 more stamps than Kenneth.
How many stamps must Ryan give to Kenneth so that they will each have the same number of stamps?

Ryan   [_____]

Kenneth [_____]

Ans: _____

13

40.   Mr and Mrs Wee and their 3 children went to 'Happy Wonderland.'

┌─────────────────────────────────┐
│   **Happy Wonderland**   │
│   │
│   **Admission charges**   │
│   Adults: $4.50   │
│   Children: $2.00   │
└─────────────────────────────────┘

Mr Wee gave the cashier a $50 note.
How much change did he receive?

Ans: _____

41.   Fiona had twice as much money as Kelly. Mary had twice as much
       money as Fiona. If Mary had $400, how much did the three girls have?

Ans: _____

14

42   When Bala adds 56 to a number, the sum is less than 70. What is the number if the sum is also divisible by 9?

Ans: _____

43.   Winston bought 5 boxes of T-shirts. Each box contains 12 T-shirts. He repacked the T-shirts equally into 8 bags.
      (a) How many T-shirts did Winston buy?
      (b) How many T-shirts were left?

Ans: (a) _____

(b) _____

15

44. 48 pupils were divided into 8 groups of equal size. In each group, there were 2 more boys than girls. How many girls were there in each group?

Ans: _____

45. Ling Ling recorded her sales of bags as below.

Month	Number sold
January	55 more than in February
February	276
March	2 times as many as in January

How many bags were sold in all?

Ans: _____
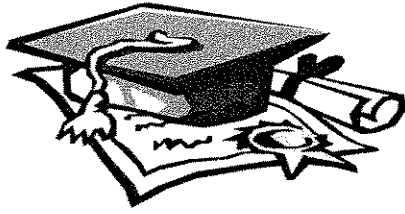
16

ANSWER SHEET

TAO NAN PRIMARY SCHOOL – PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

1. 3
2. 2
3. 2
4. 2
5. 2
6. 3
7. 3
8. 4
9. 3
10. 4
11. 2
12. 4
13. 3
14. 3
15. 3
16. Eight thousand and nineteen
17. 6
18. 2400
19. 29
20. 6741
21. 11
22. 9
23. $10.35
24. 1058
25. 62
26. 74
27. thousands
28. 3
29. $0.20
30. 25

31) 21x4=84
32) 25
33) 6,5
34) 576
35) 12

36) 435-169=266
    Her sister collected 266 seashell.

37) 63÷7=9=9 books are on each shelf.

38) 2x2=4
    4x2=8
    The number on the third card is 8

39) 6÷2=3
    Ryan must give Kenneth 3 stamps so that they
will each have the same number of stamps.

40) 450x2=900
    200x3=600
    600+900=1500
    5000-1500=3500
    He received $35.00 change.

41) 400÷2=200
    200÷2=100
    200+100=300
    300+400=700
    The three girls had $700

42) 9x7=63
    63-56=7
    The number is 7

43) a) 12x5=60
       Winston bought 60 T-shirts
    b) 60÷8=7R4
       4 T-shirts were left.

44) 48÷8=6
    6-4=2
    2 girls were in each group.

45) 276+55=331
    331x2=662
    662+331=993   1269 bags were sold in all.
    993+276=1269

Name : _____

Class : Primary 3_____

CHIJ ST NICHOLAS GIRLS' SCHOOL

Primary 3

First Semestral Assessment – 2007

Mathematics

7 May 2007
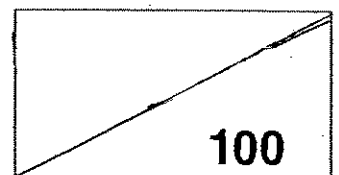
Score :

100

Parent's signature: _____

Duration of Paper: 1 h 45 min

Do not open the booklet until you are told to do so
Follow all instructions carefully

SECTION A: (20 x 2 marks)
For each question, four options are given.
One of them is the correct answer. Make your choice (1, 2, 3 or 4).
Write the correct answer in the brackets provided.

1. In 8564 the digit 5 is in the _____ place.

    1) ones   2) tens

    3) hundreds   4) thousands   (   ).

2. Find the number missing in the box.

    $$3\ 4\ 7\ 4$$
    $$+\ 2\ 3\ 2\ \square$$
    $$\overline{5\ 8\ 0\ 0}$$

    1) 4   2) 6

    3) 8   4) 9   (   )

3. Subtract 3550 from 5000.

    1) 1150   2) 1250

    3) 1450   4) 1550   (   )

4. Find the sum of 1490 and 1618.

    1) 3258   2) 3150

    3) 3000   4) 3108   (   )

5. Use the digits 7, 5, 2 to form the smallest
    3 - digit number. Find the difference between
    8000 and the 3 - digit number.

    1) 7725   2) 7743

    3) 7753   4) 7835
                                                    (   )

2
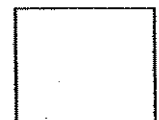
6. Add 1000 to the difference between 5590 and 780.

   1) 3810   2) 5810

   3) 5370   4) 7370   (   )

7. What is the product of 40 and 2?

   1) 80   2) 81

   3) 82   4) 90   (   )

8. A farmer sold 210 carrots every week. How many carrots did he sell in 21 days?

   1) 840   2) 630

   3) 420   4) 231   (   )

9. Subtract 5230 from the sum of 7820 and 1180.

   1) 1410   2) 1670

   3) 3770   4) 3860   (   )

10. Find the number in the blank.

    4 x 7 = 32 - ?

    1) 60   2) 28

    3) 11   4) 4   (   )

11. What is the missing number?

    6 x 9 = 2 x ?

    1) 27   2) 36

    3) 52   4) 54   (   )
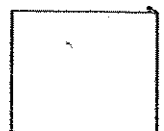
12. Find the missing number in the blank.

   9 tens x 5 ones = ?

   1) 45   2) 95

   3) 450   4) 955   (   )

13. Gabrielle had 18 stickers. Yuki had 4 times as many as Gabrielle. Jane had half as many stickers as Yuki. How many stickers did Jane have?

   1) 11   2) 36   (   )

   3) 38   4) 44

14. Find the missing digit in the box.

   2 [ ] 4

   X   3
   _____
   7   3   2

   1) 1   2) 3   (   )

   3) 4   4) 6

15. Complete the given number sequence.

   8 , ? , ? , 20 , ? , 32

   1) 4, 6, 22   2) 10, 12, 24   (   )

   3) 10, 12, 22   4) 12, 16, 24
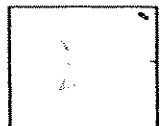
Do not write in this space

16. Samantha received $68 from Mrs Lee. Her younger brother received half the amount. How much did they receive altogether?

     1) $ 34   2) $ 92

     3) $ 102   4) $ 204   (   )

17. What is 250 divided by 4?

     1) 61R6   2) 62R2

     3) 64R4   4) 68R7   (   )

18. A salesman had 284 television sets. He sold them equally to 4 shops. How many sets did he sell to each shop?

     1) 64   2) 69

     3) 71   4) 72   (   )

19. Damien had 56 books, Fatimah had 3 times as many books as Damien. They donated their total number of books equally among Xiao Ling and Ahmad. How many books did Ahmad receive?

     1) 56   2) 84

     3) 106   4) 112   (   )

20. Miss Raihan had 578 buttons. She sewed 3 buttons on every T –shirt. How many buttons had she left after sewing 192 T-shirts?

     1) 5   2) 4

     3) 3   4) 2   (   )

SECTION B: (20 x 2 marks)
Show all workings and steps clearly.

Do not write in this space

21. Using the digits 7, 3, 9, 6 , form the greatest 4-digit odd number that is not greater than 7 thousands.

Ans: _____

22. What is 547 more than 7060?

Ans: _____

23. In 6824, find the difference between the values of the digits in the thousands place and the ones place.

Ans: _____

Do not write in this space

24. In 8 x 7 = 3 x 7 + _?_ x 7, what is the missing number in the blank?

Ans: _____

25. Mrs. Thong put 25 pies in each of the 9 boxes. She gave her neighbour 2 such boxes. How many pies had she left?

Ans: _____

26. What is the missing digit in the box?

```
    8  ?  5  2
 -  2  8  5  4
   _____
    5  7  9  8
```

Ans: _____

7

Do not write in this space

27. Selvam arranged 972 seashells equally into 6 rows. How many seashells were there in each row?

Ans: _____

28. Jermaine reads 11 pages of a book daily. How many pages will she read in a week?

Ans: _____

29. Fatimah travelled 4755m to school on Monday. She travelled 2313m less on Tuesday than on Monday. How far did she travel on both days?

Ans: _____ m

8

Do not write in this space

30. Sharon had some sweets. She packed the sweets into 7 packets, each containing 215 sweets. How many sweets did Sharon have?

Ans: _____

31. There were 7815 boys and girls at a camp altogether. 3789 of them were girls. How many more boys than girls were at the camp?

Ans: _____

32. Mei Ling spent $864. Thomas spent $2677 more than Mei Ling. How much did they spend altogether?

Ans: $_____

9

33. When a number is divided by 6, it gives a quotient of 26 and a remainder of 3. What is the number?

Ans: _____

34. Ming Jie shared 56 beads equally with his parents and 5 friends. How many beads did each of them receive?

Ans: _____

10

Do not
write in
this
space

35. How many sixes are there in the product of 4 and 234?

Ans: _____

36. Raja had 5 times as many red stickers as green stickers.
   If he had 275 red stickers, how many green stickers did he have?

Ans: _____

37. If ◺ = 9,

◺ X _____P_____ = ◇

◇ = 3 X 243

What does P represent?

Ans: P = _____

11

Do not write in this space

38. Study the pattern below and find the missing number.

| 657 | 3 | 219 | | 415 | 5 | 83 | | 736 | 8 | ? |
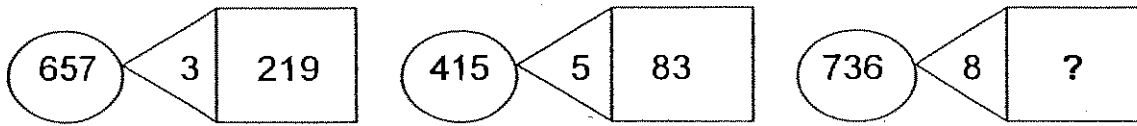
Ans: _____

39. The mass of 6 identical erasers is 252g. 1 eraser weighs as much as 8 paper clips. What is the mass of 4 paper clips?

Ans: _____ g

40. Ai Ling spent $568 in each of the first 4 months of the year.
    She spent $4819 in the remaining months of the year.
    Find the total amount of money she spent in the whole year.

Ans: $ _____

12

Do not
write in
this
space

SECTION C: (5 x 4 marks)
Solve <u>ALL</u> of the following problems.
All mathematical workings and statements must be shown clearly.

41. Joseph put 237 white ribbons and 465 yellow ribbons into 5 bags equally. How many ribbons were left over?

13

Do not write in this space

42. Muthu had 4947 eggs. He sold 2158 of them and threw away 2154 rotten eggs.

   (a) How many eggs were left?

   (b) If he packed the remaining eggs equally into trays of 5 each, how many eggs would there be in each tray?

14
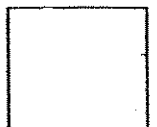
43.   Martha has 7 times as many foreign stamps as local stamps.
       Jane has half the number of stamps that Martha has.
       If Martha has 87 local stamps, how many stamps does Jane have?

15

44. A table costs $6986 more than the total cost of a chair and a stool. Each chair costs twice as much as a stool. How much does a table cost if a stool costs $375?

16
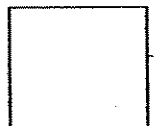
45. 359 oranges are packed into three boxes. The first box has
     73 more oranges than the second box. The third box has
     32 fewer oranges than the second box. How many oranges
     were there in the third box?

ANSWER SHEET

CHIJ PRIMARY SCHOOL – PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

---

1. 3
2. 2
3. 3
4. 4
5. 2
6. 2
7. 1
8. 2
9. 3
10. 4
11. 1
12. 3
13. 2
14. 3
15. 4
16. 3
17. 2
18. 3
19. 4
20. 4
21. 6973
22. 7607
23. 5996
24. 5
25. 175
26. 6
27. 162
28. 77
29. 7197
30. 1505

31) 237
32) 4405
33) 159
34) 7
35) 156
36) 55
37) 81
38) 92
39) $252 \div 6 = 42$
     $42 \div 2 = 21$

40) $568 \times 4 = 2272$
     $2272 + 4819 = \$7091$

41) $465 + 237 = 702$
     $702 \div 5 = 140 \text{ R2}$
     2 ribbons were left over.

42) $2158 + 2154 = 4312$
     $4947 - 4312 = 635$
     $635 \div 5 = 127$
     a) There are 635 eggs left
     b) There are 127 eggs in each trays

43) $87 \times 7 = 609$
     $609 + 87 = 696$
     $696 \div 2 = 348$
     Jane have 348 stamps.

44) 375x3=1125
    1125+6986=8111
    A table costs $8111

45) 73+32+32=137
    359-137=222
    222÷3=74
    There were 74 oranges in the third box.

KONG HWA SCHOOL
SEMESTRAL ASSESSMENT ONE 2007
MATHEMATICS
Primary Three

Name: _____ (   )   Marks:
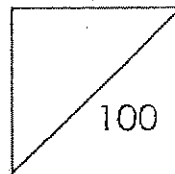
Class : Primary 3 (____)

Date : __9 May 2007__

Duration: 1 h 30 min   Parent's Signature: _____

Section A (15 x 2 marks)

For each question, four options are given but only one is correct. Choose the correct answer and shade its number (1, 2, 3 or 4) on the Optical Answer Sheet (OAS) provided.

1.   Five thousand, five hundred and two written as a numeral is

_____.

(1) 520
(2) 552
(3) 5502
(4) 5520   (   )

---

2.   How many tens are there in 2021?

(1) 21
(2) 2
(3) 200
(4) 202   (   )

1

3. What is the missing number in the number pattern below?

5682, 5693, ☐ , 5715, 5726

(1) 5695
(2) 5703
(3) 5704
(4) 5714   ( )

4. 5480 is 12 hundreds less than _____.

(1) 4280
(2) 5468
(3) 5492
(4) 6680   ( )

5. The sum of 72 tens and two thousand five hundred and twenty-six is _____.

(1) 2572
(2) 2598
(3) 3246
(4) 9726   ( )

2

6.   What must be added to 3640 to make 5000?

      (1) 1360
      (2) 1460
      (3) 2640
      (4) 8640   (   )

---

7.   Shuhan has 2640 marbles.
      Huiwen has 340 more marbles than Shuhan.
      How many marbles do they have altogether?

      (1) 2300
      (2) 2980
      (3) 4940
      (4) 5620   (   )

---

8.   What is the greatest 4-digit odd number that can be formed with
      the digits 4, 2, 5 and 3?

      (1) 5432
      (2) 2345
      (3) 3542
      (4) 5423   (   )

3

9.   How many threes are there in 33?

      (1) 11
      (2) 33
      (3) 44
      (4) 132   (   )

10.   A spider has 8 legs while an ant has 6 legs. If there are 8
      spiders and 2 ants, how many legs are there altogether?

      (1) 12
      (2) 14
      (3) 64
      (4) 76   (   )

11.   Mr Johnson purchased a computer. He paid $800 for the first
      month and $255 monthly for the next 3 months. How much did
      he pay altogether?

      (1) $ 765
      (2) $ 1565
      (3) $ 2400
      (4) $ 3165   (   )

4

12.   135 apples were used to bake some apple pies. If 3 apples were used to bake a pie, what was the number of apple pies that were baked?

(1) 41

(2) 45

(3) 138

(4) 405   (   )

13.   3 boxes of candles cost $15. How much will 9 boxes of candles cost?

(1) $ 5

(2) $ 12

(3) $ 45

(4) $ 135   (   )

14. $7 \times 25 = 7 \times 20 + 7 \times \boxed{?}$

What is the missing number in the box?

(1) 5

(2) 25

(3) 100

(4) 175   (   )

5

15.
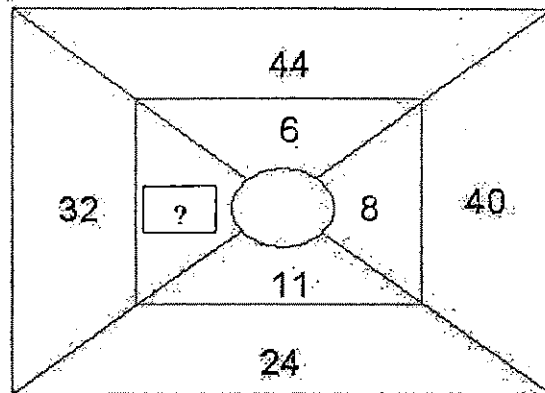
What is the missing number in the box?

(1) 8
(2) 10
(3) 20
(4) 66   (   )

---

16.   Yi Hui has twice as many beads as Hui Hui. Yi Hui has 248 beads. How many beads does Hui Hui have?

(1) 124
(2) 248
(3) 372
(4) 496   (   )

6

17.   There were 5 groups of boys. In each group, there were 5 boys.
       If each boy spent $2, how much did they spend in all?

       (1) $11
       (2) $12
       (3) $50
       (4) $100   . (   )

18.   What is the place value of the digit 3 when 924 is divided by 4?

       (1) Ones
       (2) Tens
       (3) Hundreds
       (4) Thousands   (   )

19.   Divide 1272 by 6. The answer is _____ .

       (1) 212
       (2) 616
       (3) 1266
       (4) 7632   (   )

7

20.   The figures below show the items on a balance scale.
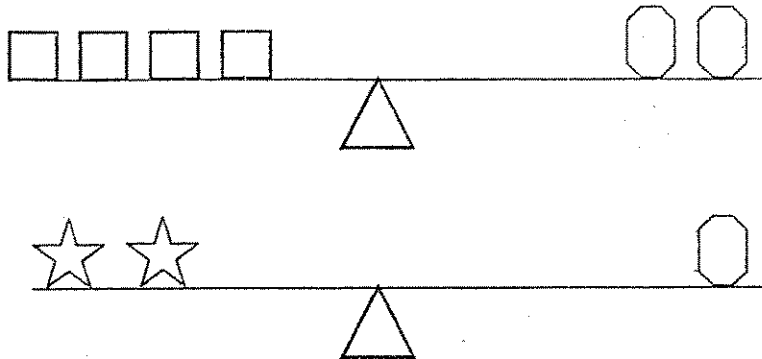
If ○ = 24, what is ☆ + □ □ ?

(1) 12
(2) 36
(3) 48
(4) 72   (   )

End of Section A

8

Section B (20 x 2 marks)

For each question, show your working clearly in the space below and write your answer in the box provided. Give your answer in the unit stated.

21.   Write 1859 in words.

22.   Find the sum of all the **even** numbers between 41 and 49.

23.
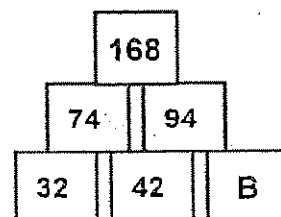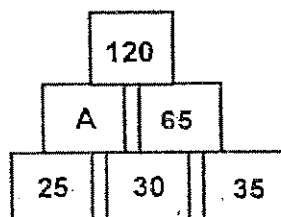
What is the value of A and B?

A =

B =

9

24.   What is the sum of 4473 and 4476?

[   ]

---

25.   1 thousand 6 hundreds and 5 ones + 8 hundreds 4 tens and 2 ones = _____ .

[   ]

---

26.   In the following problem, what is the missing number in the box?

        10 000
    -    4□85

        5715

[   ]

10

27.   Arrange the number cards | 3 | ⊠ 4 | 9 | 2 | to form

the smallest 4-digit **even** number.

---

28.   7 + 7 + 7 + 7 + 7 + 7 = _____ × 7.

---

29.   Mr Gopal has 75 comic books. He wants to give 9 pupils each 9 comic books. How many **more** comic books does he need?

books

11

30.   How much did John pay for buying 2 T-shirts and a pair of jeans?

$25

$59

$ [ ]

31.

Given that, ☺ X 5 = ♡

and 50 − ♡ = 5,

What is ☺ X ☺ = ?

[ ]

---

32.   Amy is 7 years old now.
         Her grandfather is 8 times as old as her.
         How old will her grandfather be next year?

<div style="text-align:right">

years old
</div>

---

33.   A train set costs $60. This is 10 times the cost of a toy car.
         What is the total cost of the train set and the toy car?

$ [   ]

---
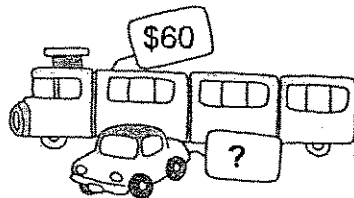
34.   The product of two numbers is 468. If one of the numbers is 6,
         what is the other number?

[   ]

13

35.   Jasmine sold 135 bottles of sugarcane juice in 1 day. If she sold the same number of bottles everyday, how many bottles of sugarcane juice did she sell in 1 week?

<div style="border:1px solid">   </div> bottles

36.   John is given a 20-cent coin, three 10-cent coins and two 5-cent coins. Find the most number of ways he can make up a sum of $0.40.
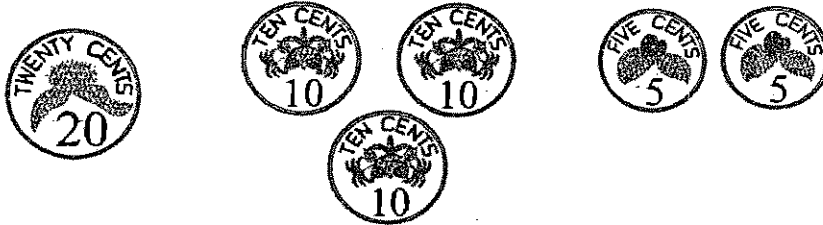
<div style="border:1px solid">   </div> ways

37.   Oranges are sold at 3 for $2. What is the greatest number of oranges I can buy with $15?

<div style="border:1px solid">   </div> oranges

14

38.   Divide the difference of 329 and 419 by 5.

```
┌──────────────┐
│              │
└──────────────┘
```

---

39.   ♣ ♣ ♣ ♣ stand for $36.
        ♣ ♣ ♣ ♣ ♣ ♣ ♣ ♣ ♣ ♣ stand for $_____.

$
```
┌──────────────┐
│              │
└──────────────┘
```

---

40.   Jackson shared 72 Pokemon cards equally among his 2
        brothers, John and Jeff. How many cards would each boy get?

```
┌──────────────┐
│              │   cards
└──────────────┘
```

15

Section C (5 x 4 marks)

For each word problem, write down the working steps and answers clearly in the space provided.

41.   On Saturday, there were 3458 visitors at the fun fair.
       There were 956 fewer visitors at the fun fair on Sunday than
       on Saturday. How many visitors were at the fun fair during the
       weekend?

42.   Leanna bought a television set and a VCD player for $5308.
       The VCD player cost $657.
       a) What was the cost of the television set?
       b) What was the difference in price between the two items?

16

43.   At a cake shop, fruit tarts were sold at 6 in a box for $4.
      Jayne wanted to buy 48 fruit tarts.
      a) How many boxes of fruit tarts would Jayne have to buy?
      b) How much did Jayne have to pay for all the fruit tarts?

---

44.   5 classes and 10 teachers are going on an excursion to Pulau
      Ubin. Each class has 40 pupils. If one ferry can only carry 7
      people on each trip, how many trips are needed to take all the
      pupils and teachers over to Pulau Ubin?

---

45.   Mrs Lim bought 6 kg of crabs and had $28 left. How much money did she have at first?

$18 per kg

End-of-Paper
Please check your work.

18
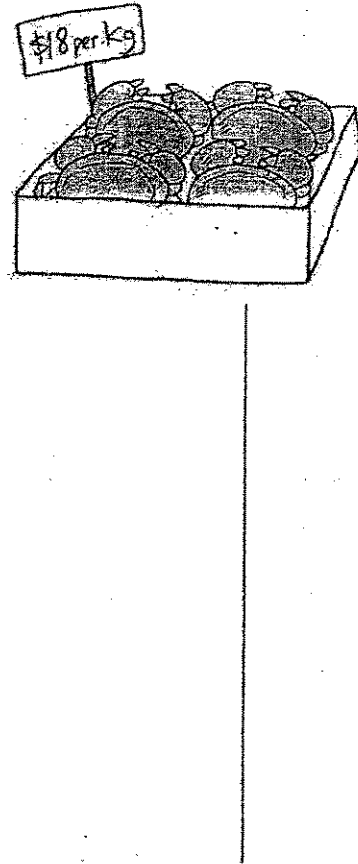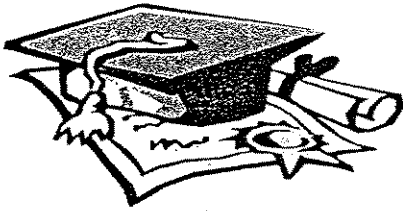
ANSWER SHEET

Kong Hwa Pri 3 SA1/2007 MATHS

1)3	2)4	3)3	4)4	5)3	6)1
7)4	8)4	9)1	10)4	11)2	12)2
13)3	14)1	15)2	16)1	17)3	18)2

19)1   20)2   21)one thousand, eight hundred and fifty-nine

22)180   23)A=55 B=52   24)8949   25)2447   26)2

27)2394   28)6   29)6   30)$109   31)81   32)57

33)$66   34)78   35)945 bottles   36)3 ways   37)21 oranges

38)18   39)$90   40)24 cards   41)5960 visitors   42)$3994

43)a. 8 boxes   b.$32   44)30 trips   45)$136

NANYANG PRIMARY SCHOOL

FIRST SEMESTRAL EXAMINATION 2007

PRIMARY 3

MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total:	/ 100

Name: _____ (   )

Class: Primary 3 (   )

Date: 10 May 2007

Parent's Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(Total: 40 marks)

1. In 4398, the digit 3 has a value of _____.

   (1)   3 ones   (2)   3 tens
   (3)   30 tens   (4)   300 hundreds

2. 5 thousands, 17 hundreds, 7 tens is the same as _____.

   (1)   5087   (2)   5177
   (3)   5240   (4)   6770

3. 5032 is 240 more than _____.

   (1)   4792   (2)   4812
   (3)   5272   (4)   7432

4. The sum of 1433 and 1254 is _____.

   (1)   2687   (2)   2677
   (3)   221   (4)   179

5. The difference between 6909 and 2405 is _____.

   (1)   9314   (2)   4504
   (3)   4405   (4)   4404

1

6.   What is the missing number in the following number pattern?

1, 1, 2, 6, ? , 120, 720

(1)   8   (2)   12
(3)   18   (4)   24

7.   Find the product of 710 and 8.

(1)   718   (2)   5608
(3)   5680   (4)   7108

8.   Express $22.95 in cents.

(1)   295¢   (2)   925¢
(3)   2259¢   (4)   2295¢

9.   What is the missing digit in the box?

```
  9 9 3 8
- 6 ? 2 6
  3 5 1 2
```

(1)   1   (2)   2
(3)   3   (4)   4

2

10. Mr Brown travelled 467 km at first. He travelled another 199 km before he reached his destination. How far did he travel altogether?

(1) 666 km
(2) 656 km
(3) 368 km
(4) 268 km

11. Kathy earns 975 points in a game. She earns 88 points more than Millie. How many points does Millie have?

(1) 887
(2) 913
(3) 953
(4) 1063

12. A factory worker sews 7 buttons on each shirt. How many buttons will he have to sew for 245 such shirts?

(1) 35
(2) 238
(3) 252
(4) 1715

13. A machine is able to fill 160 bottles of drinks in a minute. How many bottles of drinks can 10 such machines fill in a minute?

(1) 16
(2) 150
(3) 170
(4) 1600

14. 336 people boarded 8 buses. There was an equal number of people in each bus. How many people were there in each bus?

(1) 40
(2) 42
(3) 402
(4) 420

3

15. Sakina bought a doll for $52 and a clip for $7. She had $37 left. How much did she have at first?

(1) $96   (2) $59
(3) $45   (4) $22

16. Carol bought two cups of tea for 55 cents each. She gave the cashier $5. How much change should she get?

(1) $1.10   (2) $3.90
(3) $4.45   (4) $5.55

17. Using **all** the digits given below, form the largest and smallest 3-digit numbers. Find the sum of these 2 numbers.

| 1, 6, 2 |

(1)   423   (2)   495
(3)   747   (4)   783

18. Eliza has 1278 beads. She has 237 fewer beads than Susan. How many beads do the two girls have?

(1)   1041   (2)   1515
(3)   2319   (4)   2793

4

19. Mr Lim sold 134 packets of oranges on Saturday. He sold 12 packets fewer on Sunday than on Saturday. Each packet contained 4 oranges. How many **oranges** did he sell on Sunday?

(1) 122
(3) 488

(2) 146
(4) 536

20.
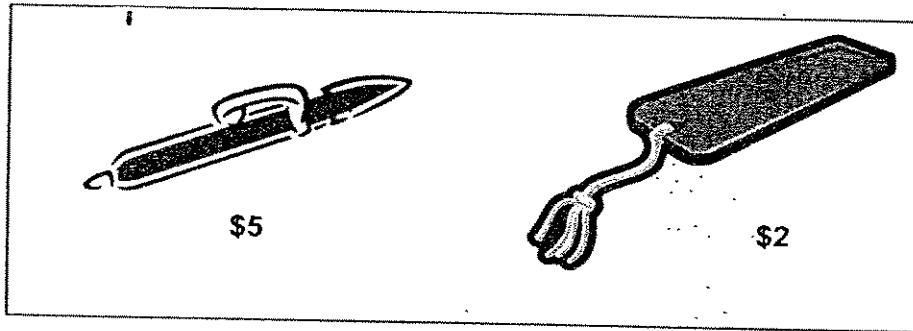
Mariah bought 4 bookmarks and a pen. How much did she pay for her purchase?

(1) $1
(3) $8

(2) $7
(4) $13

5

Section B

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(Total: 40 marks)

21. Write in figures.

> Eight thousand and fifteen

Answer : _____

22. What is the missing number in the box?

| ? | + 1276 = 1625

Answer : _____

23. The product of two numbers is 642. If one of the numbers is 6, what is the other number?

Answer : _____

6

24.   Multiply 212 by 9.
      In your answer, which digit is in the tens place?

                                        Answer : _____

25.   Clarence had $98.70. He spent $39.50. How much had he left?

                                        Answer : $_____

26.   Hong Tat achieved the following scores in a video game.
      Pick out his top 3 scores and arrange them in **ascending** order.

            2914,   2149,   2491,   2941

                    Answer : _____, _____, _____

27.   Find the value of 1788 + 141 .

                                        Answer : _____

7

28.   A school library has 2367 English books and 1277 Chinese books.
      How many English and Chinese books are there in the library?

                                        Answer : _____

29.   Alice made 1899 cookies to sell at the funfair. She managed to sell
      1172 cookies. How many cookies has she left?

                                        Answer : _____

30.   Stall A sold 2220 magazines in a week. Stall B sold 1109 magazines in
      the same week. How many **more** magazines were sold by Stall A than
      Stall B in that week?

                                        Answer : _____

31.   When I divide a number by 8, the quotient is 211. What is this number?

                                        Answer : _____

8

32.   Find the missing number in the box.

375 × 6 = 10 × | ? |

Answer : _____

33.   Mrs Wong baked 407 pineapple tarts. She put them equally into 9 containers and found that she had a few left. How many pineapple tarts were left?

Answer : _____

34.   A fruiterer has 18 boxes of mangoes. Each box contains 40 mangoes. He repacks all the mangoes into bags of 5. How many **bags of mangoes** will he get?

Answer : _____

9

35.   Meimei has $4.99 at first. Her mother gives her some more coins as
       shown below:
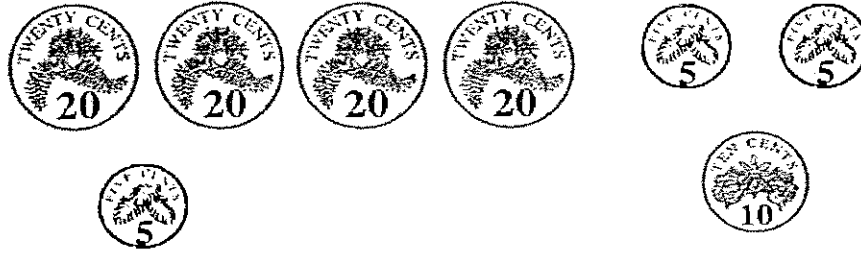
       How much does Meimei have now?

                                                    Answer : $

36. $16.50 — $5.68 = _____

                                                    Answer : $_____

37.   The difference between two numbers is 47. One of the numbers is 138.
       What is the sum of these two numbers?

                                                    Answer : _____

38.   Sean and Ahmad have 509 marbles. Sean has 89 marbles fewer than Ahmad. How many marbles does Sean have?

Answer : _____

39.   What is the value of A?

    | A | ÷ 7 = 407 R 4

Answer : _____

40.   Using **all** the digits given below, form the largest four-digit **odd** number.

0 , 5 , 7, 2

Answer : _____

Section C
Questions 41 to 45 carry 4 marks each. Do these word problems carefully.
Show your working clearly in the space provided below each question.

(Total: 20 marks)

41.   Maggie bought 3 packets of milk and 6 hotdog buns for her family.
       Each packet of milk cost 85¢.
       The hotdog buns were on offer at 3 for $6.50.
       (a) What is the cost of 3 packets of milk?
       (b) How much did she pay altogether?

3 for $6.50

85¢

12
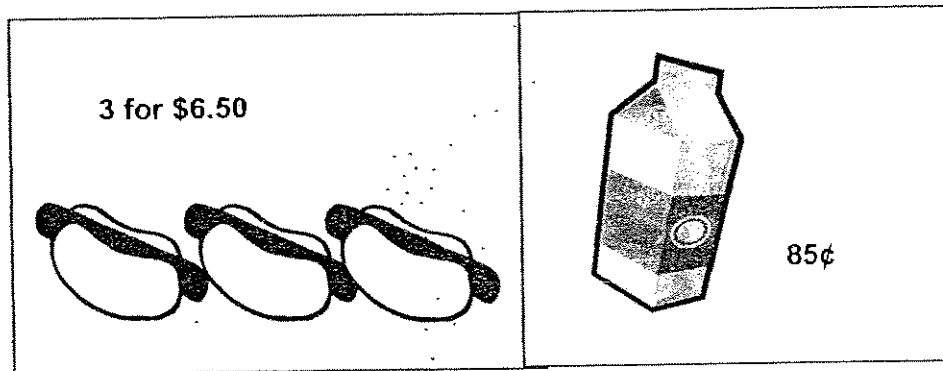
42. Matthew had some marbles at first.
After he gave his brother 90 marbles and his three friends 80 marbles each, he still had 150 marbles left.
How many marbles did Matthew have at first?

43. A total of 4500 movie tickets were sold in three days.
783 more tickets were sold on the first day than on the second day.
The same number of tickets were sold on the second and third day.
How many tickets were sold on the first day?

13

44. Some people visited an exhibition.
The entrance fees are priced at $2 per child and $3 per adult.
A total of $201 were collected from the sale of the adults' tickets.
3 times as many children as adults visited the exhibition.
(a) How many adults visited the exhibition?
(b) How much was collected from the sale of the children's tickets?

45. Lily uses 4 tablespoons of sugar for every 6 cups of water to make a bowl of jelly.
    (a) How many tablespoons of sugar does Lily need if she uses 18 cups of water to make some jelly?
    (b) How many cups of water does Lily need if she uses 10 tablespoons of sugar?

☺ *End of Paper* ☺
Please check your work carefully

Setters: Mrs Anne Kor
Ms Asfalinda

15

ANSWER SHEET

NANYANG PRIMARY SCHOOL – PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

1. 3
2. 4
3. 1
4. 1
5. 2
6. 4
7. 3
8. 4
9. 4
10. 1
11. 1
12. 4
13. 4
14. 2
15. 1
16. 2
17. 3
18. 4
19. 3
20. 4
21. 8015
22. 349
23. 107
24. 0
25. $59.20
26. 2491, 2914, 2941
27. 1929
28. 3644
29. 727
30. 1111

31) 1688
32) 225
33) 2
34) 144
35) $6.04
36) $10.82
37) 229
38) 210
39) 2853
40) 7205

41) a) 85¢ x3=$2.55
       The 3 packets of milk
       cost $2.55
    b) $6.50x2=$13
       $13+$2.55=$15.55
       She paid $15.55
       altogether.

42) 3x80=240
    240+90+150=480
    Matthew had 480 at first

43) 4500-783=3717
    3717÷3=1239
    1239+783=2022
    2022 ticket were sold
    on the first day.

44) a) 201÷3=67
       67 adults visited
       the exhibition.
    b) 67x3=201
       201x$2=$402
       $402 was collected.

45) a) 18÷6=3
       3x4=12
    Lily needs 12 tablespoons
    of sugar.
    b) 10/4x6=60/4
       =15
    Lily needs 15 cups of
    water.
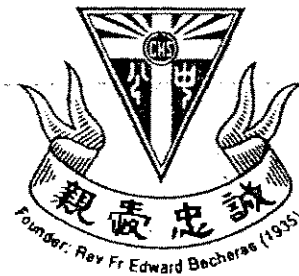
Catholic High School
Mid-Year Examination 2007
Mathematics
Primary 3

/ 100
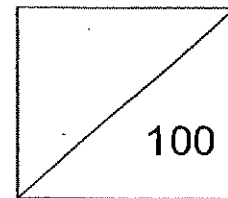
Name:_____(   )

Class: Primary 3 _____

Date: 9th May 2007

Duration: 1 h 30 min

Parent's Signature : _____

There are 3 sections consisting of <u>13 pages</u> in this paper.

Section A: Multiple-Choice Questions (MCQ)   20 x 2 marks

Section B: Open-Ended Questions   20 x 2 marks

Section C: Story Sums   5 x 4 marks

SECTION A: Multiple-Choice Questions (20 x 2 marks)
For each of the question from 1 to 20, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1.   In 9876, which digit is in the hundreds place?

    (1)   6
    (2)   7
    (3)   8
    (4)   9

2.   What is the sum of 2589 and 4476?

    (1)   6955
    (2)   6965
    (3)   7055
    (4)   7065

3.   What is the difference between 8684 and 2790?

    (1)   5890
    (2)   5894
    (3)   5910
    (4)   6114

4.   Look at the model below. What is the missing value?
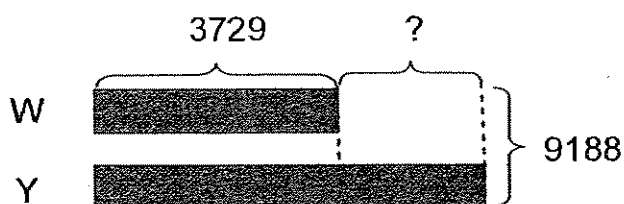
    (1)   1730
    (2)   2330
    (3)   5459
    (4)   6661

1

5.   Which of the following has the same value as 4 x 8?

      (1)   4 + 4 + 4 + 4
      (2)   4 x 4 x 4 x 4
      (3)   8 + 8 + 8 + 8
      (4)   8 x 8 x 8 x 8

6.   What is the remainder when 857 is divided by 5?

      (1)   1
      (2)   2
      (3)   3
      (4)   4

7.   Mr Lee paid $247 for his new handphone. Mr Samuel paid
      thrice as much money as Mr Lee for a new handphone.
      How much did Mr Samuel pay for the new handphone?

      (1) $250
      (2) $494
      (3) $721
      (4) $741

8.   Aunty Amos baked a total of 387 cookies. She baked 8 times
      as many lemon cookies as cocoa cookies. How many cocoa
      cookies did she bake?

      (1)   43
      (2)   48
      (3)   344
      (4)   379

9.   2200 is _____ hundreds less than 7400.

      (1)   52
      (2)   500
      (3)   520
      (4)   5200

10. The digits in the two boxes are the same. What is the
     missing digit in each box?

$$2 \quad 4 \quad \boxed{} \quad 3$$
$$+ \qquad 5 \quad \boxed{} \quad 7$$
$$\overline{3 \quad 0 \quad 3 \quad 0}$$

     (1) 5
     (2) 6
     (3) 7
     (4) 8

11. Subtract the smallest 4-digit even number from the greatest
     4-digit odd number. What is the answer?

     (1) 999
     (2) 8000
     (3) 8997
     (4) 8999

12. Which of the following number is not a product in the
     multiplication table of 7?

     56   35   48   63

     (1) 35
     (2) 48
     (3) 56
     (4) 63

13. Clara and her five friends each folded 124 paper hearts.
     How many paper hearts did they fold in all?

     (1) 600
     (2) 620
     (3) 724
     (4) 744

3

14.   Madam Lee wants to pack 965 candy bars into 8 plastic
       bags. How many candy bars are left unpacked?

       (1)   0
       (2)   5
       (3)   3
       (4)   8

15.   Look at the numbers. What is the missing number?

Thousands	Hundreds	Tens	Ones
9	2	8	6
7	3	6	7
5	4	4	8
?	?	?	?

       (1)   3519
       (2)   3529
       (3)   3629
       (4)   3929

16.   Arrange the digits 8, 6, 5, 0 to form the smallest odd number.
       Then add 436 to it. What is the answer?

       (1)   6494
       (2)   6521
       (3)   7016
       (4)   7241

17.   I am thinking of a number. When 825 is added to the number
       and 528 is subtracted from it, the answer is 3467.
       What is the number I am thinking of?

       (1)   2642
       (2)   3170
       (3)   3764
       (4)   3995

4

18. Charles has a certain number of pencils. The number of pencils he has is less than 100. They can be packed into bundles of 7 or bundles of 9. How many pencils does Charles have?

    (1)   45
    (2)   56
    (3)   63
    (4)   72

19. What is the value of **A** ?
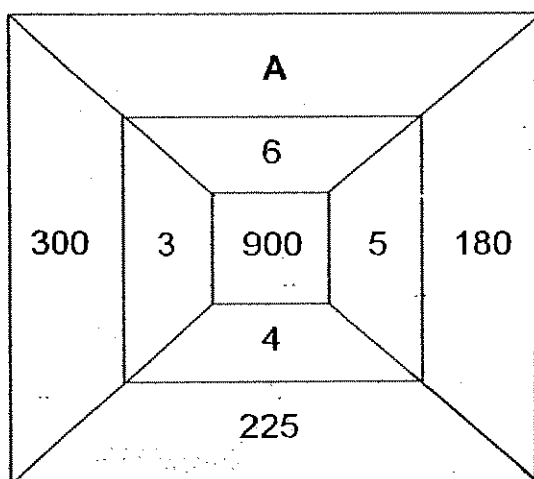
    (1)   150
    (2)   200
    (3)   250
    (4)   350

20. Timothy and Gregory had 192 stickers altogether. After Timothy gave 30 stickers to Gregory, Timothy had thrice as many stickers as Gregory. How many stickers did Gregory have at first?

    (1)   18
    (2)   34
    (3)   48
    (4)   54

SECTION B: Open-ended Questions (20 x 2 marks)
Write the correct answers in the answer boxes provided.

21.   The sum of 933 and 35 tens 46 ones is _____.

22.   Take away 1779 from 5357. The answer is _____.

23.   8 groups of 8 is the same as _____.

24.   Multiply 758 by 4. The answer is _____.

25.   When 637 is divided by 3, what is the quotient?

26.   Mrs Yeo earns $750 each month.
       Mrs Lok earns 4 times the amount Mrs Yeo earns each month.
       How much does Mrs Lok earn each month?

       $

6

27. Complete the number pattern.

   7,   14,   23,   34,   _____,   62

   ┌─────────────────────┐
   │   │
   └─────────────────────┘

28. Study the pattern in the table below. Find the missing number.

104	108	110	322
108	114	122	344
113	121	127	361
119	?	132	381

   ┌─────────────────────┐
   │   │
   └─────────────────────┘

29. Mr Kwok bought a digital camera that cost $599 and a television set that cost $1899. He also bought a refrigerator. He paid $4517 for the three items. How much did the refrigerator cost?

   ┌─────────────────────┐
   │   │
   └─────────────────────┘

30. Vincent has 60 marbles. He wants to share them with 5 of his friends. How many marbles will each of his friends get?

   ┌─────────────────────┐
   │   marbles │
   └─────────────────────┘

31. I am a two-digit number. I am more than 40 but less than 70.
    I can count in sixes. Divide my ones digit by 2 and you will find my tens digit. What number am I?

   ☐ ☐

   ┌─────────────────────┐
   │   │
   └─────────────────────┘

7

32. 523 visitors visited the Science Centre on Friday. Twice the number of visitors visited the Science Centre on Saturday than on Friday. How many visitors visited the Science Centre on both days?

	visitors

33. When a number is divided by 6, it gives a quotient of 87 and a remainder of 3. What is the number?

34. Container A and Container B had the same number of beads. After Lily had taken 27 beads from Container B to put into Container A, there are now twice as many beads in Container A as Container B. How many beads did each container have at first?

	beads

35. Find the missing number in the square.

8
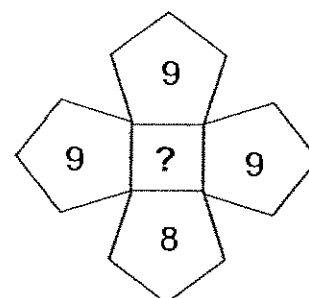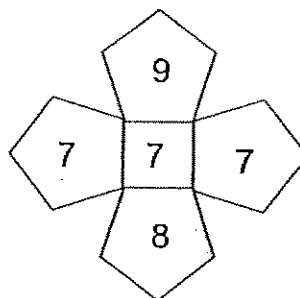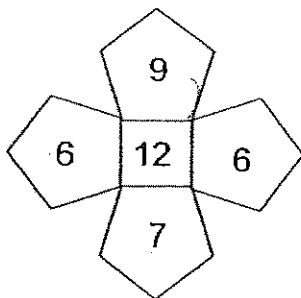
36.   Lily wanted to buy 6 hairclips but she was short of $2.
       She bought 5 hairclips instead and had $1 left.
       How much money did she have at first?

$

37.   Use all the digits 2, 3, 4 and 5 to fill in the boxes to obtain the
       smallest product. What is the smallest product you can get?

```
    [ ? ] [ ? ] [ ? ]

X           [ ? ]
   _____

            ?
   _____
```


38.   Alvin and Ben had the same number of story books.
       After Ben had donated 56 story books to the Children's Home,
       Alvin had 5 times as many story books as Ben. How many story
       books did Ben have in the end?

Story books

9

39.　Anna has some meatballs.
　　　The number of meatballs is fewer than 50 but more than 30.
　　　She will have 3 meatballs left if she wants to pack the meatballs
　　　equally into 9 packets.
　　　She will have 4 meatballs left if she packs the meatballs equally
　　　into 5 packets.
　　　How many meatballs does Anna have?
　　　(Use the table below to help you solve the above problem.)

Number of meatballs	Divide among 9 packets	Divide among 5 packets	Check

40.　Study the figures below. How many shaded squares are needed to
　　　form Figure 5?
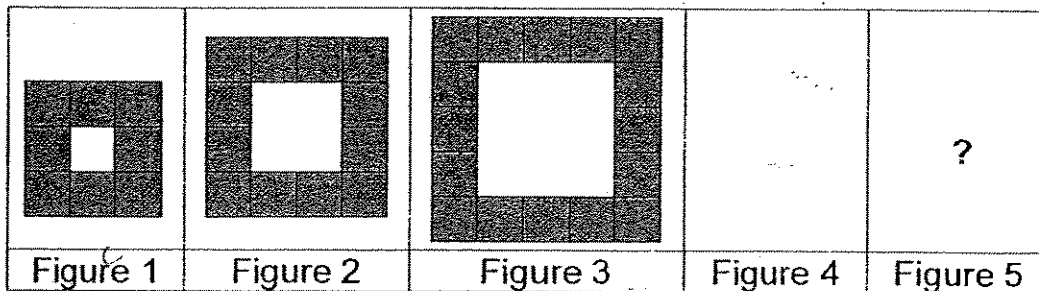
Figure 1	Figure 2	Figure 3	Figure 4	Figure 5
				?

SECTION C: Story Sums (5 x 4 marks)
Solve the following story sums. All workings must be shown clearly.
Draw models if necessary.

41.   There were 2177 women watching a basketball match. There were 4331 more men watching a basketball match than women. How many adults were watching the basketball match?

42.   1456 visitors visited the Zoo on Tuesday. 250 fewer visitors visited the Zoo on Wednesday than on Tuesday. 298 more visitors visited the Zoo on Thursday than on Wednesday. How many visitors visited the Zoo on Thursday?

11

43.   Helen baked 300 pineapple tarts on both days.
      If she baked 56 more pineapple tarts today than yesterday,
      how many pineapple tarts did she bake yesterday?

44.   The following model shows the amount of money saved for three
      months. If the total amount of money saved was $935, how much
      money was saved in March?

12
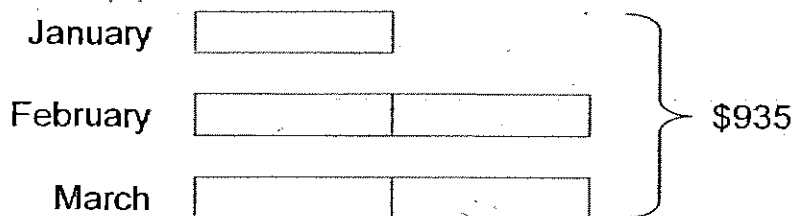
45.   Miss Lim bought 7 packets of badges. Each packet contained 45
       badges. The badges were shared equally among 9 children.
       How many badges did each child receive?

END OF PAPER
☺ *Please check your work.* ☺

13
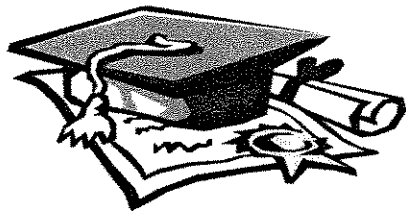
ANSWER SHEET

CATHOLIC PRIMARY SCHOOL   - PRIMARY 3 MATHEMATICS   2007
SEMESTRAL ASSESSMENT (1)

1. 3	31) 48
2. 3	32) 1569 visitors
3. 1	33) 525
4. 1	34) 54
5. 3	35) 9
6. 2	36) 16
7. 4	37) 690
8. 1	38) 14
9. 1	39) 39
10. 2	40) 24
11. 4	41) 2177+4331=6508
12. 2	6508+2177=8685
13. 4	The are 8685 adults watching a
14. 2	basketball match.
15. 2	
16. 2	42) 1456-250=1206
17. 2	1206+298=1504
18. 3	1504 visitors visited the zoo on
19. 1	Thursday.
20. 1	
21. 1329	43) 300-56=244
22. 3578	244÷2=122
23. 64	Helen baked 122 pineapple tarts
24. 3032	yesterday.
25. 212	
26. $3000	44) 5u=$935
27. 47	1u=$935÷5=$187
28. 130	2u=2x$187=$374
29. $2019	$374 was saved in March.
30. 10	
	45) 45x7=315
	315÷9=35
	Each child received 35 badges.

Anglo-Chinese School
(Primary)

MID-YEAR EXAMINATION 2007
MATHEMATICS

Booklet A

Name: _____ ( )

Class: Primary 3____

Date: 8 May 2007

Duration of Booklet A & B: 1 h 45 min

THIS BOOKLET CONTAINS PAGES 1 to 3.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

Section A

Questions 1 to 10 carry 2 marks each.   For each question, four options are given. One of them is the correct answer. Choose the correct answer and shade the corresponding oval (1, 2, 3, or 4) on the Optical Answer Sheet. All diagrams are not drawn to scale unless otherwise stated.   (20 marks)

1.   Which one of the following numbers has the digit '8' in the **hundreds** place?

   (1)   1853

   (2)   3185

   (3)   5318

   (4)   8513

2.   30 hundreds, 43 tens and 55 ones is the same as _____.

   (1)   118

   (2)   785

   (3)   3 098

   (4)   3 485

3.   Find the difference between 2 357 and 6 248.

   (1)   3 891

   (2)   4 011

   (3)   4 891

   (4)   8 605

A - 1

4.   The sum of two numbers is 7 056. If the smaller number is 2 639, find the bigger
      number.

      (1)   4 417
      (2)   5 417
      (3)   5 623
      (4)   9 695

5.   Joe had $1 200. He had $200 less than Mark. How much do they have altogether?

      (1) $1 000
      (2) $1 400
      (3) $2 200
      (4) $2 600

6.   28 X 7 = | 20 X 7 | + | _?_ X 7 |

      (1)   4
      (2)   8
      (3)   20
      (4)   48

7.   The product of 204 and 6 is _____ .

      (1)   34
      (2)   210
      (3)   1 224
      (4)   1 324

A - 2

8. _____ $\div$ 10 = 50 R 6

    (1)   56

    (2)   506

    (3)   560

    (4)   5 600

9. A taxi can take 4 passengers. How many taxis are needed to transport 91 passengers?

    (1)   22

    (2)   23

    (3)   87

    (4)   95

10. Mary has 5 notes altogether. They consists of 2-dollar and 5-dollar notes. Which one of the following **cannot** be the total amount of money Mary has?

    (1) $13

    (2) $16

    (3) $22

    (4) $25

A - 3

**Anglo-Chinese School
(Primary)**

MID-YEAR EXAMINATION 2007
MATHEMATICS

Booklet B

Name: _____ (   )

Class: Primary 3____

Date: 8 May 2007

Duration of Booklet A & B: 1 h 45 min

Section	Contents	Marks	Marks Obtained
A	Multiple Choice Questions	20	
B	Short Answers	40	
C	Problem Sums	40	
	Total Marks	100	
	Parent's signature		

THIS BOOKLET CONTAINS PAGES 4 to 16.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

Section B

Questions 11 to 30 carry 2 marks each. Write your answers in the spaces provided. Give your answers in the units stated. All diagrams are not drawn to scale unless otherwise stated. All answers must be expressed in the simplest form. (40 marks)

11.   Write 7 849 in words.

_____

_____

12.   Form the **smallest 4-digit even** number using all the digits

5, 0, 2, 9

Answer : _____

13.   Arrange the following numbers in **ascending** order.

7 890		7 809		7 908		7 980

Answer : _____

B - 4

14. The difference between 2 numbers is 984. If the larger number is 5 000, what is the smaller number?

Answer : _____

15. This is a game which requires you to use four cards below to make an addition problem.
Each card can only be used once.

6		7		8		9
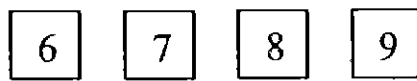
Here is the addition problem.

```
  ☐ ☐
+ ☐ ☐
─────────

─────────
```

What would be the largest answer?

Answer : _____

16. Find the value of 13 ones, 24 tens, 8 hundreds and 2 thousands.

Answer : _____

B - 5

17. Aaron bought 3 boxes of sweets. There were 6 packets of sweets in each box. If each packet contained 10 sweets, how many sweets did he have altogether?

Answer : _____

18. 9 children bought a present for their friend.
They shared the cost of the present equally.
If each child paid $7, how much did the present cost?

Answer : $_____

19. A spider has 8 legs. An ant had 6 legs. How many legs do 3 spiders and 5 ants have altogether?

Answer : _____

B - 6

20. The missing number in the circle is _____.
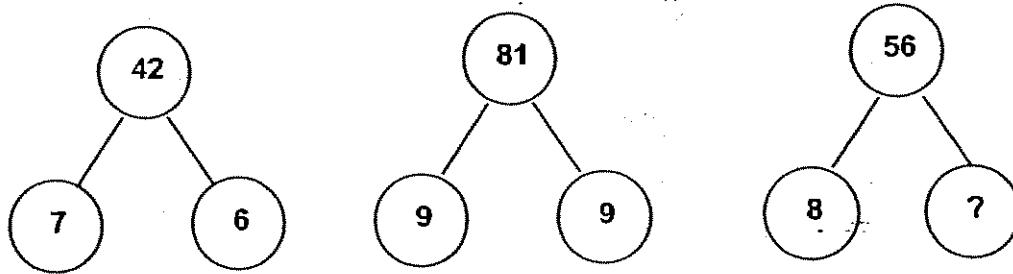
Answer : _____

21. Look at the pattern. What is the missing number?

$$\star + \star + \star + \star + \star = 40$$

$$\square + \square + \square = 18$$

$$\square + \star + \square + \star = \text{?}$$
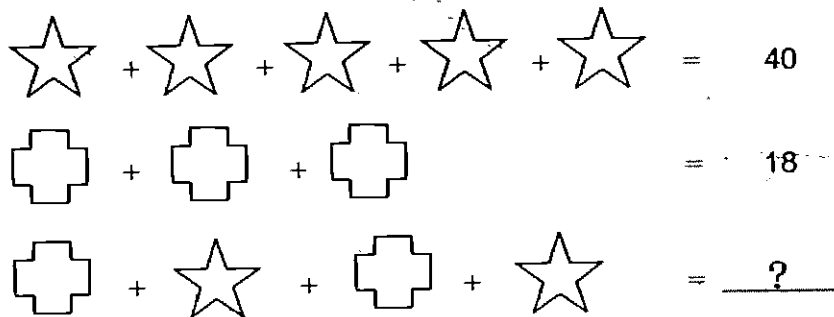
Answer : _____

22. Ben has 5 times as many coins as Kenneth.
    They have 30 coins altogether.
    How many coins does Ben have?

Answer : _____

B - 7

23. In a fancy dress contest, the number of girls who took part was four times as many as the number of boys. If 28 girls took part in the contest, find the number of boys who took part in the contest?

Answer : _____

24. 5 classes of pupils went on an excursion.
Each class had 35 pupils and was accompanied by two teachers.
What was the total number of people who went for the excursion?

Answer : _____

25. For every 6 stickers that Daniel collects, he can exchange for a notebook. What is the maximum number of notebooks Daniel can get if he has 32 stickers?

Answer : _____

B - 8

26. James has 25 one-dollar coins, 6 fifty-cent coins and 7 twenty-cent coins in his piggy bank. How much money has James saved altogether?

Answer : $_____

27. Mrs Tan bought a T-shirt at a store. She paid the cashier $50 and received a change of $17.25. How much did the T-shirt cost?

Answer : $_____

28. A shirt costs $8 less than a pair of pants. If 2 similar shirts cost $58, what is the cost of a pair of pants?

Answer : $_____

B - 9

29. The printer prints 8 copies of photographs in 5 minutes.
    How many copies of photographs can it print in 25 minutes?
    (Hint: Make a table)

    Answer :_____

30. Ms Lee wants her pupils to use only the digits

    ## 7 , 6 , 9

    to form 3-digit **odd** numbers. How many possible 3-digit odd numbers can her pupils form?

    Answer : _____

B - 10

Section C

For questions 31 to 40, show your working and statements clearly in the space provided for each question and write your answers in the spaces provided. The number of marks available is shown in brackets [   ] at the end of each question or part-question. All diagrams are not drawn to scale unless otherwise stated. All answers must be expressed in the simplest form.   (40 marks)

31.   Joshua collected 517 ice-cream sticks.

Nicholas collected 230 more ice-cream sticks than Joshua.

a)   How many ice-cream sticks did Nicholas collect? (2 marks)

b)   How many ice-cream sticks did they collect altogether? (2 marks)

32.   Jason has 249 more stamps than Mitchell. If Jason gives Mitchell 45 of his

stamps, how many more stamps will Jason have than Mitchell?

B - 11

33. Mark, Samuel and Zack had 49 marbles altogether. Mark had twice as many marbles as Samuel, while Samuel had twice as many marbles as Zack. How many marbles does Mark have?

34. Peter is 57 kg. He is 3 times as heavy as Alex. What is their total mass?

B - 12

35. There are118 children waiting for their football coach.
     If each football coach can have only 8 children, how many coaches are needed?

36. There are 89 magazines arranged in 3 piles. The first pile has 19 more magazines
     than the second pile. The number of magazines in the second pile is twice the
     number of magazines in the third pile. How many magazines are there in the·
     second pile?

B - 13

37. Tom and Jerry spent a total of $90.50 at a shop. Tom spent $29.65. How much more did Jerry spend than Tom?

38. If John buys 7 pens, he would be short of $2. If he buys 6 pens, he would have $1 left. How much money does John have?

B - 14

39. There were 14 cars and bicycles in a car park.
    John counted 40 wheels altogether.
    How many cars were there?

40. The tables and chairs are arranged at a restaurant as shown below.
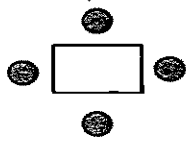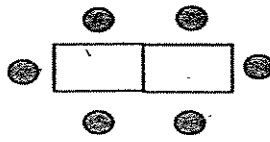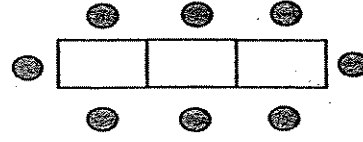
Pattern 1   Pattern 2   Pattern 3

a)   Complete the table by looking at the pattern in the arrangement

Pattern	No of tables	No of chairs
1	1	4
2	2	6
3	(i) _____	8
4	4	(ii) _____
7	7	(iii) _____

b)   How many tables are there if there are 22 chairs?
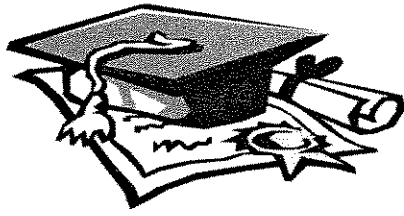
ANSWER SHEET

A C S PRIMARY SCHOOL - PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

1. 1
2. 4
3. 1
4. 1
5. 4
6. 2
7. 3
8. 2
9. 2
10. 2
11. Seven thousand, eight hundred and forty-nine
12. 2590
13. 7809, 7890, 7908, 7980
14. 4016
15. 97+86=183
16. 3053
17. 180
18. $63
19. 54
20. 7
21. 28
22. 25
23. 7
24. 185
25. 5
26. $29.40
27. $32.75
28. $37
29. 40
30. 4

31) a) 517+230=747
   He collect 747 ice-
   cream stick.

32) 249-45=204
   204-45=159
  Jason will have 159
  more than Mitchell.

33) 49÷7=7
   4x7=28
  Mark has 28 marbles.

34) 57÷3=19
   19+57=76
  Their total mass is
  76kg.

35) 118÷8=14R6
   14+1=15
  15 coaches are needed.

36) 1st

2nd
3rd

  89
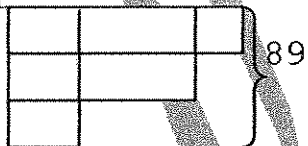
  5u=89-19=70
  1u=70÷5=14
  2u=2x14=28
There are 28 magazines in
the second pile.

37) $90.50-$29.65=$60.85
  $60.85-$29.65=$31.20
  Jerry spent $31.20 more
  than Tom.

38) 1 pen=$2+$1=$3
  7 pens=7x$3=$21
  $21-2=$19
  John has $19

39) 14x2=28
  40-28=12
  4-2=2
  12÷2=6 cars
  There were 6 cars

40) a) i) 3
    ii) 10
  iii) 16
  b) 22-2=20
   20÷2=10 tables
  There are 10 tables.

AI TONG SCHOOL

2007
CONTINUAL ASSESSMENT 2
PRIMARY 3

MATHEMATICS

DURATION : 1 h 30 min

DATE   : 28 August 2007

INSTRUCTIONS
Do not open the booklet until you are told to do so.
Follow all instructions.
Answer all questions.

Name   : _____ (   )

Class   : Primary 3_____   **Marks:**   100
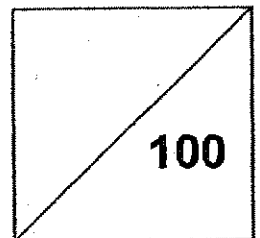
Parent's Signature	: _____
Date	: _____

Section A

Questions 1 to 20 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(40 marks)

1.   What is the value of the digit 9 in 9425?

    (1)   9

    (2)   90

    (3)   900

    (4)   9000

2.   What number is 500 more than 8050?

    (1)   8055

    (2)   8100

    (3)   8505

    (4)   8550

3.   How many **hundreds** are there in 10 000?

    (1)   10 000

    (2)   1000

    (3)   100

    (4)   10

4.   Subtract 589 from 8000.

    (1)   2110

    (2)   7411

    (3)   8521

    (4)   8589

5.   The difference between two numbers is 16. The smaller number is 8.
      What is the greater number?

      (1)   2
      (2)   16
      (3)   24
      (4)   128

6.   The sum of all the odd numbers between 10 and 16 is _____.

      (1)   6
      (2)   26
      (3)   36
      (4)   39

7.   What is the quotient when 56 is divided by 5?

      (1)   1
      (2)   11
      (3)   51
      (4)   61

8.   Fill in the missing number.
      8 x 7 = 35 + $\boxed{?}$

      (1)   15
      (2)   21
      (3)   56
      (4)   91

9.   What is the product of 6 and 7?

      (1)   1
      (2)   13
      (3)   35
      (4)   42

10.   How many **20¢ coins** can Mr Singh exchange for ten **50¢ coins**?

      (1)   4
      (2)   10
      (3)   20
      (4)   25

11.   5 apples cost $2. How much is an apple?

      (1)   20¢
      (2)   30¢
      (3)   40¢
      (4)   50¢

12.   Mr Lim bought a book. He received $23.10 as change after giving the cashier $50.
      What was the cost of the book?

      (1) $22.60
      (2) $26.90
      (3) $27.90
      (4) $73.10

13. What is 2 m 5 cm in centimetres?

  (1) 25 cm
  (2) 205 cm
  (3) 2005 cm
  (4) 2050 cm

14. Mr Lim drives 8085 m from his home to his office. What is the distance he travels in km and m?

  (1) 0 km 885 m
  (2) 8 km 85 m
  (3) 8 km 850 m
  (4) 80 km 85 m

15. Mrs Lim used 250 mℓ of paint to paint a window. How much paint did she use to paint 5 windows?

  (1) 50 mℓ
  (2) 245 mℓ
  (3) 255 mℓ
  (4) 1250 mℓ

16. If ♥♥♥♥ represent 36 sweets,

  how many sweets do ♥♥♥♥\ ♥♥♥♥/ ♥♥ represent?

  (1) 9
  (2) 18
  (3) 72
  (4) 90

17. Which of the following is the simplest form of $\dfrac{3}{12}$?

(1) $\dfrac{1}{6}$

(2) $\dfrac{1}{4}$

(3) $\dfrac{1}{3}$

(4) $\dfrac{1}{2}$

18. Tom read $\dfrac{1}{4}$ of his book on Monday and $\dfrac{1}{8}$ of it on Tuesday. What fraction of his book did he read?

(1) $\dfrac{1}{12}$

(2) $\dfrac{2}{12}$

(3) $\dfrac{3}{8}$

(4) $\dfrac{5}{8}$

19. In $\dfrac{6}{15} = \dfrac{?}{5}$, what is the missing numerator?

(1)   1

(2)   2

(3)   10

(4)   18

20. Find the difference between $\frac{2}{3}$ and $\frac{5}{12}$.

    (1) $\quad \frac{1}{4}$

    (2) $\quad \frac{3}{4}$

    (3) $\quad \frac{1}{3}$

    (4) $\quad \frac{7}{15}$

Name:_____(   )

Class: Primary 3 (   )

Section B

Questions 21 to 40 carry 2 marks each.

Write your answers in the spaces provided. For questions which require units, give your answers in the units stated   (40 marks)

21.   Fill in the missing number.

1030, 1020, 1010, 1000, _____ , **980**

Ans: _____

22.   I am a number with the digits 7, 8, 9 and 0.

I am the **greatest possible number** between 8500 and 9500.

What number am I?

Ans: _____

23.   Write in figures.

7 ones, 8 hundreds and 5 thousands.

Ans:_____

P3 Math CA2 2007

24.   What is the missing number in the box?
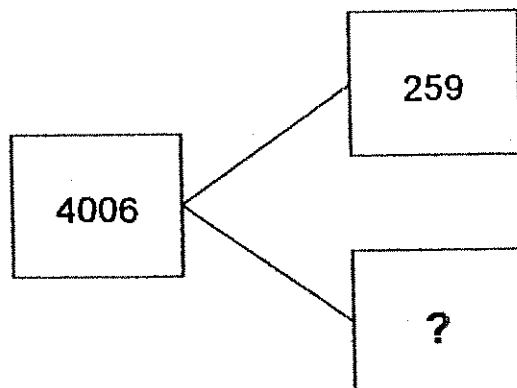
Ans: _____

25.   Johnny has 218 stamps. He has twice as many stamps as Mary.

How many stamps do Johnny and Mary have?

Ans: _____

26.   ✉ + ✉ + ✉ + ✉ = 180

✉ + ✉ + ✉ = ?

Ans: _____

6
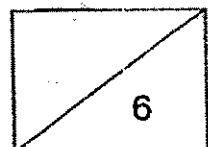
27.   There are 8 bean seeds planted in a row.

How many bean seeds are planted in 9 rows?

Ans: _____

28.   Jim saved $60. He saved 4 times as much as his sister. How much did his sister save?

Ans: $_____

29.   Mr Lee gave 48 sheets of coloured paper to his pupils.

Each pupil received 3 sheets of paper.

How many pupils were there?

Ans: _____

6
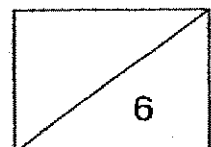
30.   If 2 kg of prawns cost $14, what is the cost of 6 kg of prawns?

Ans: $_____

---

31.   The usual price of a fan was $15.

At a sale, Mrs Ravi bought the fan for $9.45.

How much were her savings?

Ans: $_____

---

32.   Margaret trained hard for a competition one morning.

She swam 500 m, ran 1500 m and cycled 2400 m.

What was the total distance covered by her that morning?

(Give your answer in km and m)

Ans: _____km_____m

6
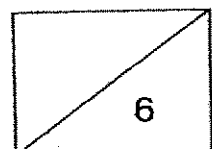
33. Mr Tan cuts a ribbon into 4 equal pieces. The ribbon is 1 m long.
     What is the length of each piece?

Ans: _____ cm

34. Ali walked 200 m to the bus stop from his house. Then he travelled to a shopping
     centre by bus, which was 7 times the distance from his house to the bus stop.
     What was the total distance travelled by Ali from his house to the shopping centre?

Ans: _____ km _____ m

35. A hawker had 6 bottles of cooking oil. Each bottle contained 550 mℓ of oil.
     How much cooking oil had he? (Express your answer in ℓ and mℓ)

Ans: _____ ℓ _____ mℓ

6
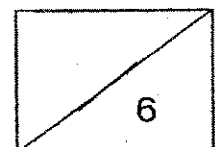
36.   A jug has only 1090 mℓ of water.

Its capacity is 3 ℓ.

How much more water is needed to fill the jug up to 3 ℓ?

Ans: _____ ℓ _____ mℓ

37.   The picture graph below shows the number of books a class of pupils read during the holidays.

Study the graph and answer the question that follows.

0 books	☺
1 book	☺ ☺
2 books	☺ ☺ ☺
3 books	☺ ☺ ☺ ☺ ☺
4 books	☺ ☺ ☺ ☺ ☺ ☺
5 books	☺ ☺
Each ☺ stands for 2 pupils	

How many pupils read more than 1 book but fewer than 5 books?

Ans: _____

4
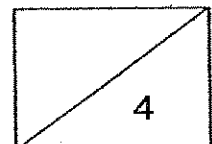
38. Arrange this set of fractions in order.

Begin with the smallest.

$$\frac{2}{3} , \frac{2}{9} , \frac{2}{5}$$

Ans: _____ , _____ , _____

39. What fraction of the square below is shaded?
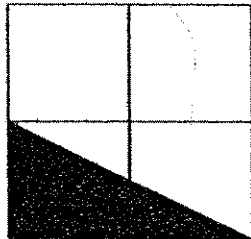
Ans: _____

40. Jenny cut a cake into 10 pieces. She gave 3 pieces to her neighbour and ate 1 piece. What fraction of the cake had she left?

(Express your answer in its simplest form)
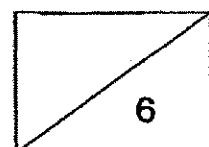
Ans: _____

6

Section C

Questions 41 to 45 carry 4 marks each.

Show your working clearly in the space below each question and write your answers in the spaces provided.   (20 marks)

41.   Alice collected some picture cards.

Bala collected three times as many picture cards as Alice.

Both Alice and Bala collected 72 picture cards altogether.

How many picture cards did Bala collect?

Ans: _____[4]
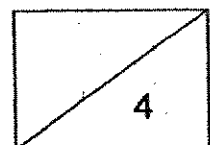
42.   Mother pours 5 cans of coke and 500 mℓ of lime juice into a jug.

Each can of coke contains 330 mℓ of coke.

What is the total volume of the mixed drink of coke and lime juice in the jug?

(Express your answer in ℓ and mℓ)

Ans: _____[4]
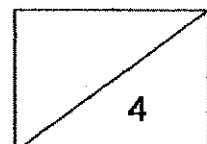
43.   Kelly bought a pizza. She ate $\frac{1}{6}$ of the pizza and gave $\frac{1}{2}$ of it to her friend.

What fraction of the pizza had she left?

(Express your answer in its simplest form)

Ans: _____[4]
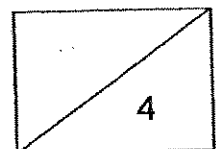
44. The table below below shows the number of fruits sold by Mrs Lee in a day.

Number of fruits sold			
Apple	Orange	Durian	Mango
45	40	15	30

a) Using the table above, complete the bar graph below to show the correct number of durians and mangoes sold.

Number of fruits sold
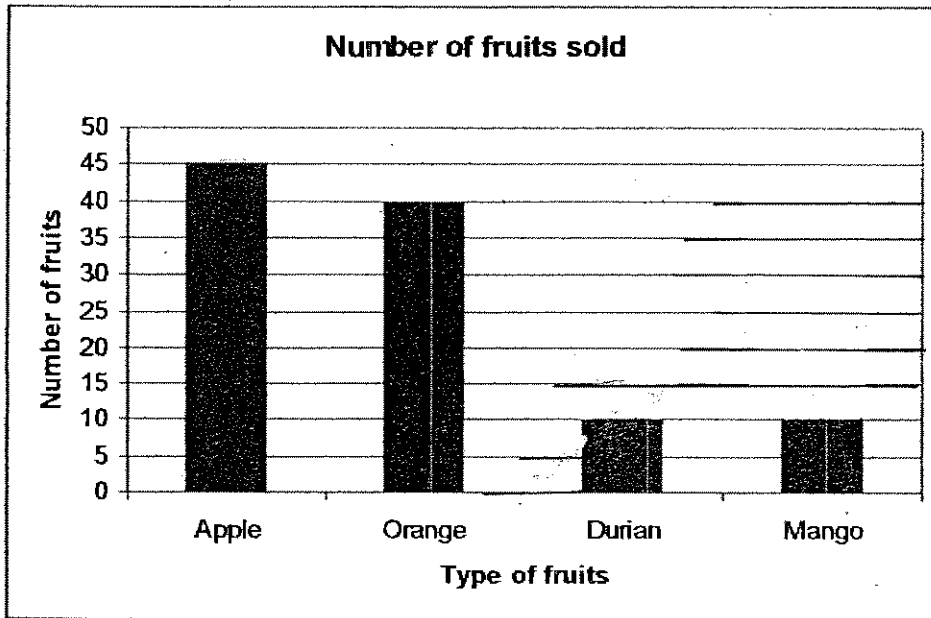
b) If a durian cost $8 and a mango cost $3, how much money did Mrs Lee collect for the durians and mangoes sold on that day?

Answer: a) _____ [2]

b)_____ [2]

4
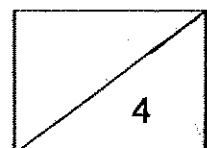
45.   There were some houses along Ai Tong Street. Each house was bulit 9 m apart. If the distance between the first and the last house was 126 m, how many houses were there along Ai Tong Street?

Answer:_____ [4]

End of Paper
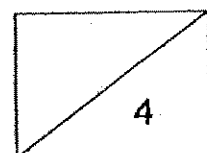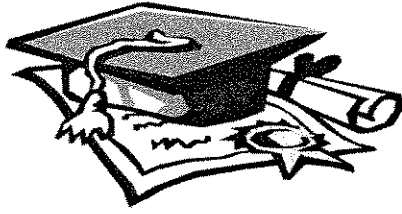
ANSWER SHEET

AI TONG PRIMARY SCHOOL - PRIMARY 3 MATHEMATUCS 2007
CONTINUAL ASSESSMENT (2)

1. 4	31) $5.55
2. 4	32) 4km 400m
3. 3	33) 25cm
4. 2	34) 1km 600m
5. 3	35) 3L 300ml
6. 4	36) 1L 910ml
7. 2	37) 28 pupils
8. 2	38) 2/9, 2/5, 2/3
9. 4	39) ¼
10. 4	40) 3/5

11. 3
12. 2
13. 2
14. 2
15. 4
16. 4
17. 2
18. 3
19. 2
20. 1
21. 990
22. 9087
23. 5807
24. 3747
25. 327 stamps
26. 135
27. 72 bean seeds
28. $15
29. 16 pupils
30. $42.00

41) Alice ☐
    Bala ☐☐☐ } 72

   72÷4=18 picture cards
   18x3=54 picture cards
   Bala collected 54 picture cards.

42) 330ml x5=1650ml
    1650ml+500ml=2L 150ml
    The total volume is 2L 150ml

43) 1 -1/6
    =6/6-1/6
    =5/6
    5/6-1/2
    =5/6-3/6
    =2/6
    =1/3
    She had left 1/3 fraction of the cake.

44) a)
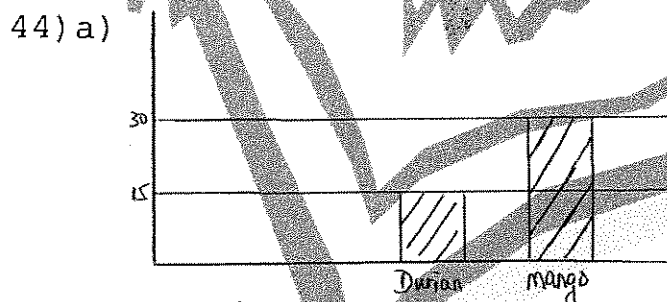
   b) 15x$8=$120
      30x$3=$90
      $120+$90=$210
   Mrs Lee collected $210 on that day.

45) 126m÷9=14 houses
    14+1=15
    There were 15 houses along Ai tong street.

Maha Bodhi School

2007 Continual Assessment 2

Mathematics

Name : _____(   )   Date   : 21 August 2007

Class : Pr 3 _____   Duration : 1 h 45 min

BOOKLET A

Section A : Multiple-Choice Questions (34 marks)

Questions 1 to 17 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1.   In 5619, the digit '6' stands for _____.

    (1)   6
    (2)   60
    (3)   600
    (4)   6000

2.   The odd number between 4913 and 4917 is _____.

    (1)   4911
    (2)   4914
    (3)   4915
    (4)   4916

3.   9285 ones = _____.

    (1)   9 ones 2 tens 8 hundreds 5 thousands
    (2)   9 thousands 28 hundreds 5 ones
    (3)   92 tens 85 ones
    (4)   928 tens 5 ones

1

4.   3240 is 1000 more than _____.

    (1)   2240
    (2)   3140
    (3)   3340
    (4)   4240

5.   Harry collected 20 stickers. Raymond collected thrice as many stickers as Harry.
How many stickers did they collect altogether ?

    (1)   80
    (2)   60
    (3)   30
    (4)   40

6.   Find the difference between 5300 and 281.

    (1)   5581
    (2)   5181
    (3)   5129
    (4)   5019

7.   _____ − 45 = 5 + 517.

    (1)   562
    (2)   567
    (3)   522
    (4)   477

8.   During the mooncake festival, Mr Baker received orders for 8200 mooncakes.
He baked 1180 mooncakes on the first day.
How many more mooncakes must he bake ?

    (1)   9380
    (2)   7020
    (3)   7180
    (4)   7200

2

9.   If $8 = 20 -$ ☼

☼ $+$ ☾ $= 30,$

then ☾ $=$ _____ .

   (1)   12
   (2)   18
   (3)   22
   (4)   42

10.   What is the quotient when we divide 788 by 5 ?

   (1)   157
   (2)   38
   (3)   3
   (4)   5

11.   The product of two numbers is 549.
      If one of the numbers is 9, the other number is _____ .

   (1)   558
   (2)   540
   (3)   270
   (4)   61

12.   6 x _____ = 12 x 7

   (1)   504
   (2)   93
   (3)   84
   (4)   14

3

13.   Tim has 3 fifty-cent coins, 9 twenty-cent coins and 15 five-cent coins.
       How much does he have altogether ?

       (1) $3.15
       (2) $3.45
       (3) $4.05
       (4) $4.80

14.   Suresh gets $2.00 as pocket money every day. If he spends $1.20 and saves the rest
       each day, how much will he save in 3 days ?

       (1) $0.80
       (2) $2.40
       (3) $3.60
       (4) $6.00

15.
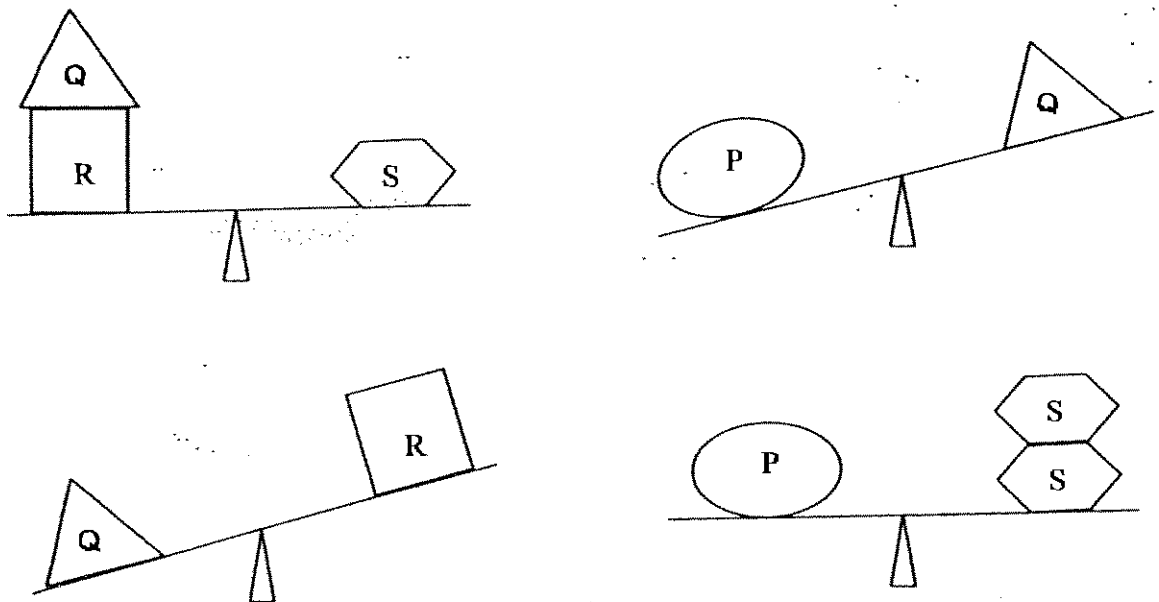
       Arrange the mass of the objects P, Q, R and S in decreasing order.

       (1)   PSQR
       (2)   QRPS
       (3)   RQSP
       (4)   SPQR

4

16.   10 identical pails filled completely with water are needed to fill up an 8-litre tank. What is the capacity of each pail ?

   (1)   8 ml
   (2)   80 ml
   (3)   800 ml
   (4)   8000 ml

17.   Which one of the following fractions is the greatest ?

   (1) $\dfrac{2}{5}$

   (2) $\dfrac{2}{7}$

   (3) $\dfrac{2}{9}$

   (4) $\dfrac{2}{11}$

5

Maha Bodhi School

2007 Continual Assessment 2

Mathematics

Math Alive! (10 marks)	
Section A (34 marks)	
Section B (36 marks)	
Section C (20 marks)	
Total (100 marks)	

Name : _____( )

Class : Pr 3 _____

Duration : 1 h 45 min

Date : 21 August 2007

Parent's Signature : _____

BOOKLET B

Section B: (36 marks)
Questions 18 to 35 carry 2 marks each.
Write your answers in the boxes provided. Give your answers in the units stated.
Show your working in the space provided. Marks will be awarded for correct method shown.

18.   Complete the number pattern:

   1976, 1996, _____, 2036

   Answer: _____

19.   I am a two-digit number. My digits add up to 12.
   Both my digits are the same.
   What am I ?

   Answer: _____

6

20.   You are given **4** number cards.

| 4 | 0 | 9 | 7 |
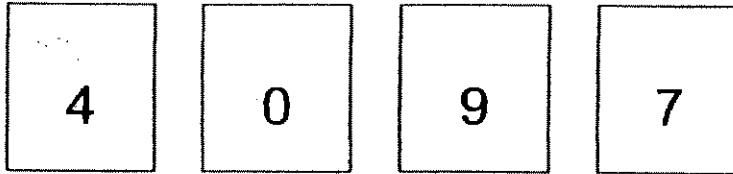
Use these cards to form the smallest 4-digit even number.

Answer: [_____]

21.   Find the missing number in the box.

$$9\ 035$$
$$-\ \ \square 65$$
$$8\ 770$$

Answer: [_____]

22.   How many sevens are there in the sum of 511 and 182 ?

Answer: [_____]

23.   7 + 14 + 21 = _____ x 7

Answer: [_____]

24.   Sean had 6 packets of paper plates.
       There were 35 paper plates in each packet.
       163 paper plates were used for a party.
       How many paper plates were left ?

                                        Answer: | paper plates |

25.   Julian has 23 toy cars.
       If Julian buys another toy car, he will have twice as many toy cars as his brother.
       How many toy cars does Julian's brother have ?

                                        Answer: | toy cars |

26.   Ninety dollars and five cents can be written as $_____.

                                        Answer: | $ |

27.   Alice exchanged 10 twenty-cent coins for fifty-cent coins. How many fifty-cent coins
       would she get ?

                                        Answer: | fifty-cent coins |

8

28. Line RS is _____ cm shorter than line PQ.
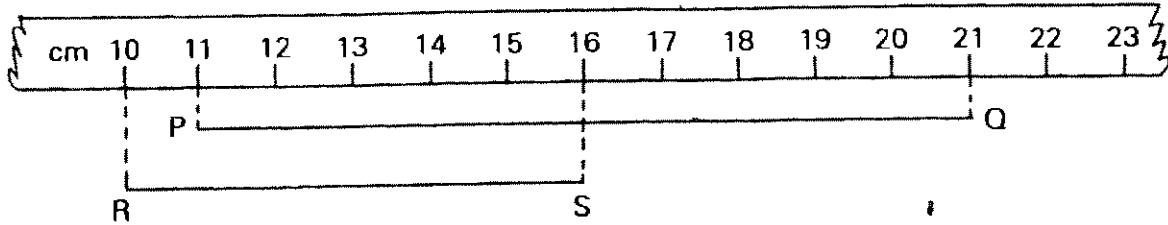
Answer: [   ] cm

29. Suresh's mass is 48 kg. Jean is 13 kg lighter than Suresh.
     What is their total mass ?

Answer: [   ] kg

30.

Mug
230 ml

Pail
3 l

The pail can hold _____ ml more water than the mug.

Answer: [   ] ml

9

1. Francis ate $\frac{1}{5}$ of a pizza. His sister ate $\frac{1}{10}$ of the same pizza.
What fraction of the pizza was left ?

Answer: _____

32. $\frac{3}{4} = \frac{\square}{12}$. The missing numerator in the fraction is _____.

Answer: _____

The graph below shows the different classes that some children attended last Saturday from 9 a.m. to 10 a.m.
Study the graph and answer questions 33 and 34.
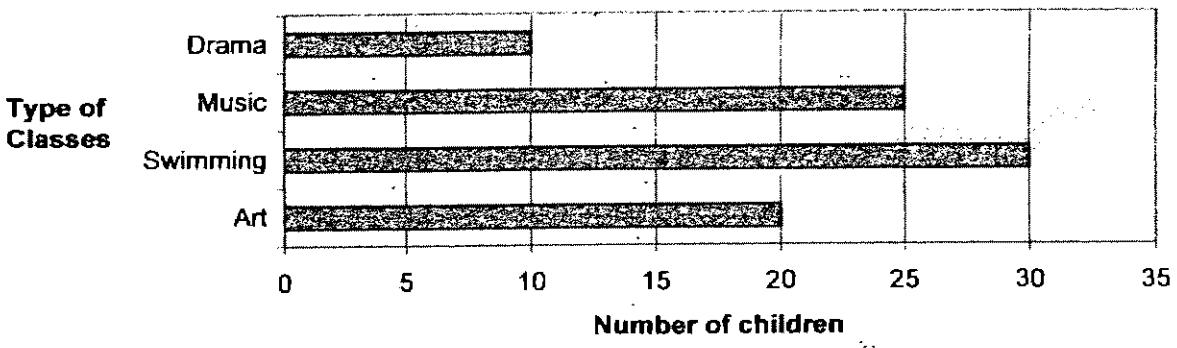
33. Which class had 20 fewer children attending it than those from the Swimming class ?

Answer: _____

34. If one child could attend only one class, how many children attended the classes on Saturday altogether ?

Answer: _____ children

10

35.

> A group of children completes a survey about their favourite television cartoon programme.
> 25 children watch 'American Dragon'.
> Twice as many children watch 'SpongeBob Squarepants' than 'American Dragon'.
> 35 children watch 'Lilo & Stitch'.
> 25 more children watch 'Jimmy Neutron' than 'Lilo & Stitch'.

Use the information above to complete this bar graph.
(Shade the graph using pencil or colour pencil)

Number of Children

American Dragon   SpongeBob Squarepants   Lilo & Stitch   Jimmy Neutron

Favourite Cartoon Programme

11
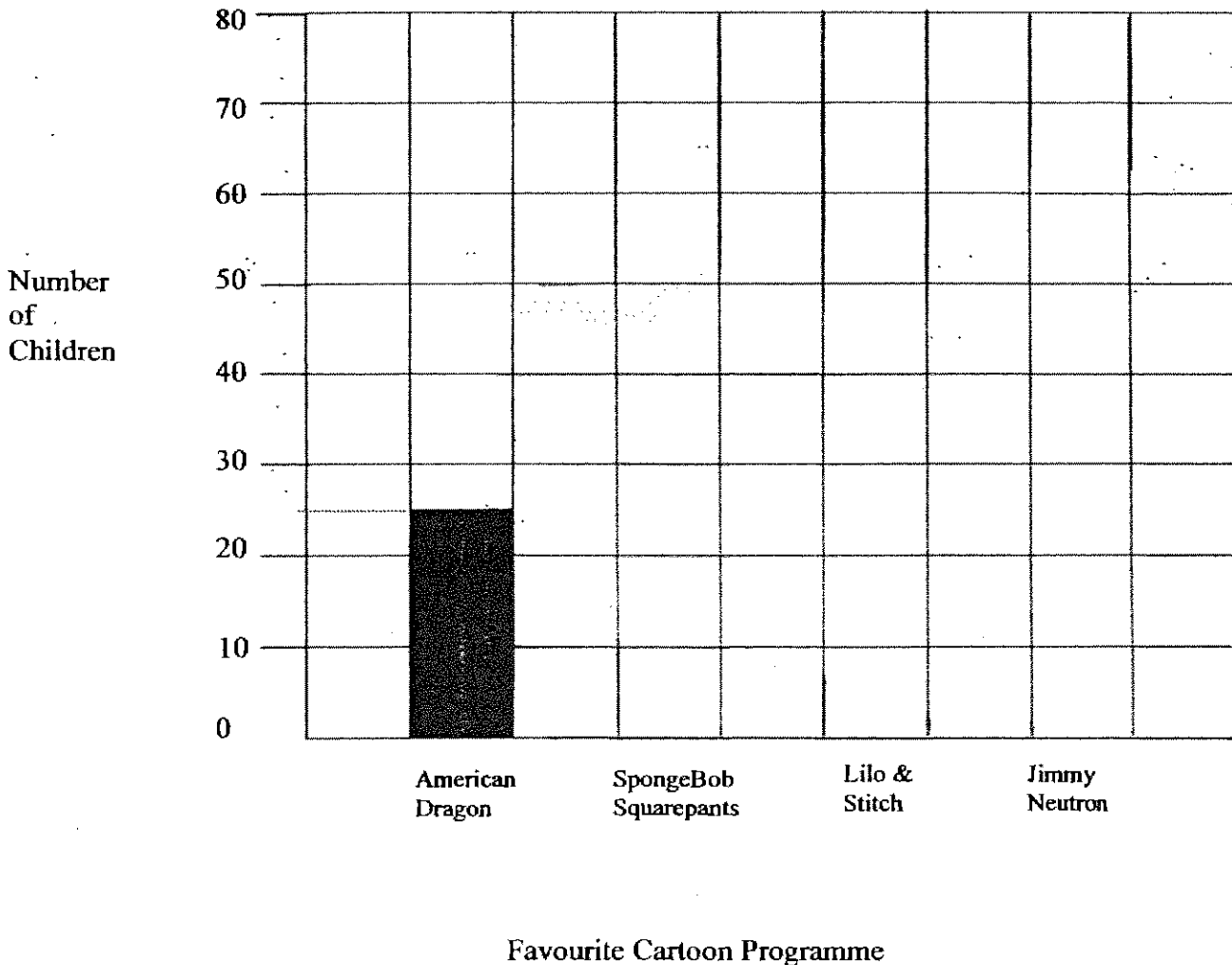
Section C: (20 marks)
Questions 36 to 40 carry 4 marks each.
Show your working clearly in the space below each question.
Write a statement for each step.

36. Rose is 13 years older than Mary.
    If Mary is 21 years old in 10 years' time, how old is Rose now ?

37. Mrs Heng put 7 piles of exercise books on the table.
    There were 39 exercise books in each pile.
    Ali took away 15 exercise books from each of the 7 piles.
    How many exercise books were left on the table ?

12

38.   Amy and Sally had the same amount of money at first.
      After Sally spent $15.30, she had $8.90 left.
      If Amy spent $20.80, how much money would she have left ?

39.   The total mass of 5 packets of beans and 8 packets of nuts is 1 kg 93 g.
      The mass of each packet of beans is 65 g. What is the mass of each packet of nuts ?

13

40.   Mike, Dillon, Eddie and Anson took part in a swimming race.
       Anson was 7 m behind Dillon.
       Dillon was 4 m ahead of Eddie.
       Mike was 3 m ahead of Dillon.

       a)   Who was the first swimmer ?
       b)   Who was the last swimmer ?
       c)   What was the difference in distance between the first and the last swimmers ?

Remember to check your work!
Every mark counts.
–End of Paper --
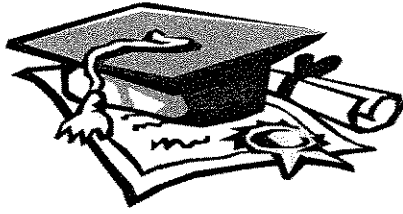
14

ANSWER SHEET

MAHA BODHI PRIMARY SCHOOL – PRIMARY 3 MATHEMATICS 2007
CONTINUAL ASSESSMENT (2)

1. 3
2. 3
3. 4
4. 1
5. 1
6. 4
7. 2
8. 2
9. 2
10. 1
11. 4
12. 4
13. 3
14. 2
15. 1
16. 3
17. 1
18. 2016
19. 6
20. 4790
21. 2
22. 99
23. 6
24. 47
25. 12 toy cars
26. $90.05
27. 4 fifty-cent coins
28. 4cm
29. 83kg
30. 2770ml

31) 7/10
32) 9
33) Drama
34) 85 children
35)
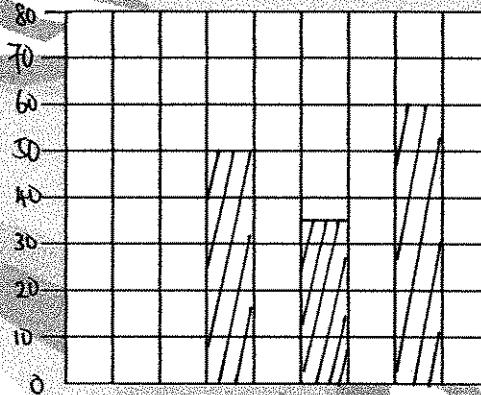
36) 21-10=11
    Mary is 11 years old.
    11+13=24
    Rose is 24 years old.

37) 39x7=273
    There are 273 exercise books in the 7 piles.
    15x7=105
    Ali took away 105 exercise books altogether.
    273-105=168
    168 exercise books were left.

38) $15.30+$8.90=$24.20
    Sally and Amy had $24.20 each.
    $24.20-$20.80=$3.40
    Amy had $3.40 left.

39) 65gx5=325g
    5 packet of beans is 325g
    1093g-325g=768g
    8 packet of nuts is 768g.
    768÷8=96g
    The mass of a packet of nuts is 96g.

40) a) 4m+7m=11m
       Dillion swam 11m
       11m+3m=14m
     Mike swam 14m and was the first.
    b) 11m-7m=4m
       Anson swam 4mamd was the last.
    c) 14m-4m=10m
       The difference is 10m
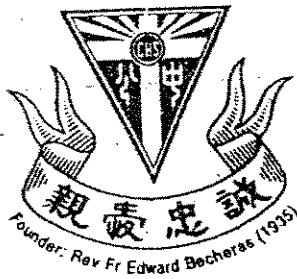
Catholic High School
Continual Assessment 2
Mathematics
Primary 3

100
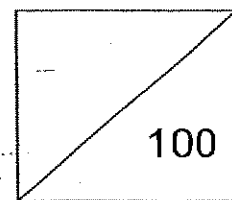
Name:_____(   )

Class: Primary 3 _____

Date: 21ˢᵗ August 2007

Duration: 1 h 30 min

Parent's Signature : _____

There are 3 sections consisting of **17 pages** in this paper.

Section A: Multiple-Choice Questions (MCQ)   20 x 2 marks

Section B: Open-Ended Questions   20 x 2 marks

Section C: Story Sums   5 x 4 marks

SECTION A: Multiple-Choice Questions (20 x 2 marks)
For each of the question from 1 to 20, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1.   Which of the following has the digit "5" in the hundreds and tens place?

       (1)   5958
       (2)   8595
       (3)   9558
       (4)   9855

2.   Add 563 and 2719. What is the answer?

       (1)   1956
       (2)   2272
       (3)   3272
       (4)   3282

3.   What must be added to 3468 to give 5000?

       (1)   1532
       (2)   1542
       (3)   1632
       (4)   8468

4.   Multiply 654 by 6. What is the answer?

       (1)   109
       (2)   3624
       (3)   3904
       (4)   3924

5.   6 km 5 m = _____ m

       (1)   65
       (2)   605
       (3)   6005
       (4)   6500

1

6. The bar graph below shows the number of hamburgers sold from Monday to Friday.
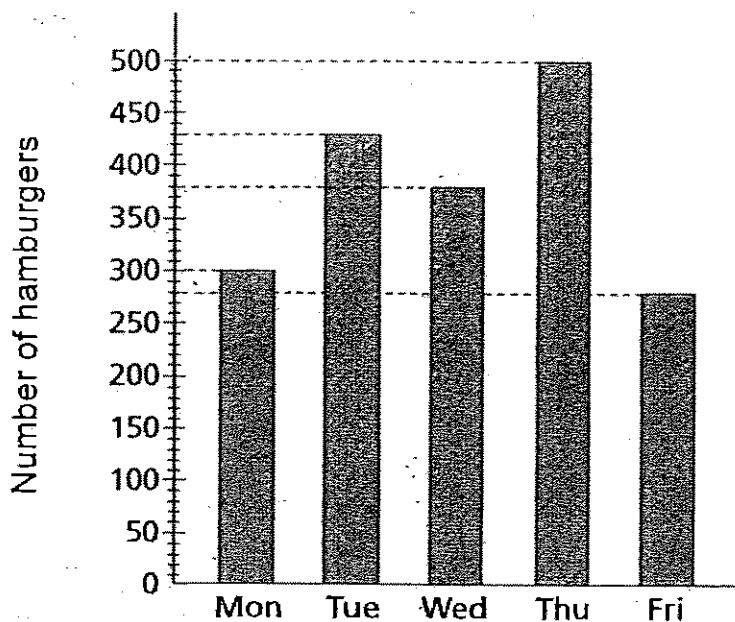
How many hamburgers were sold from Wednesday to Friday?

(1) 380
(2) 660
(3) 1110
(4) 1160

7. 80 tens more than 8 thousands is _____

(1) 880
(2) 8008
(3) 8080
(4) 8800

2

8.   Alex turned the pages of a book he was reading.
      The number on Page A was the greatest 3-digit even number.
      What was the sum of the numbers on Page A and Page B?
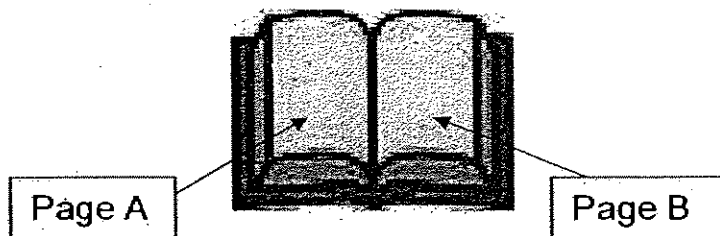
      (1)   201
      (2)   999
      (3)   1097
      (4)   1997

9.   The difference between two numbers is 823. If the bigger
      number is 1000, what is the smaller number?

      (1)   177
      (2)   223
      (3)   277
      (4)   1823

10.   A farmer has 128 ducks and twice as many chickens as
      ducks. How many chickens does he have?

      (1)   64
      (2)   256
      (3)   284
      (4)   384

11.   Joan wanted to pack 218 sweets into packets of 4.
      What was the maximum number of packets of 4 she would
      have?

      (1)   54
      (2)   2
      (3)   55
      (4)   872

3

12. The total mass of a table and a bicycle is 108 kg.
    The mass of the table is twice the mass of the bicycle.
    What is the mass of the bicycle?

    (1) 36 kg
    (2) 72 kg
    (3) 304 kg
    (4) 324 kg

13. James is thinking of a fraction.
    The denominator is thrice that of the numerator.
    The difference between the numerator and denominator is 4.
    What fraction is he thinking of?

    (1) $\dfrac{1}{3}$

    (2) $\dfrac{2}{6}$

    (3) $\dfrac{3}{9}$

    (4) $\dfrac{4}{12}$

14. When a tank is filled with 33 litres of water, it is only $\dfrac{1}{3}$ full.

    The capacity of the tank is _____ litres.

    (1) 11
    (2) 44
    (3) 66
    (4) 99

4

15.   The bar graph below shows the types of books adults read.
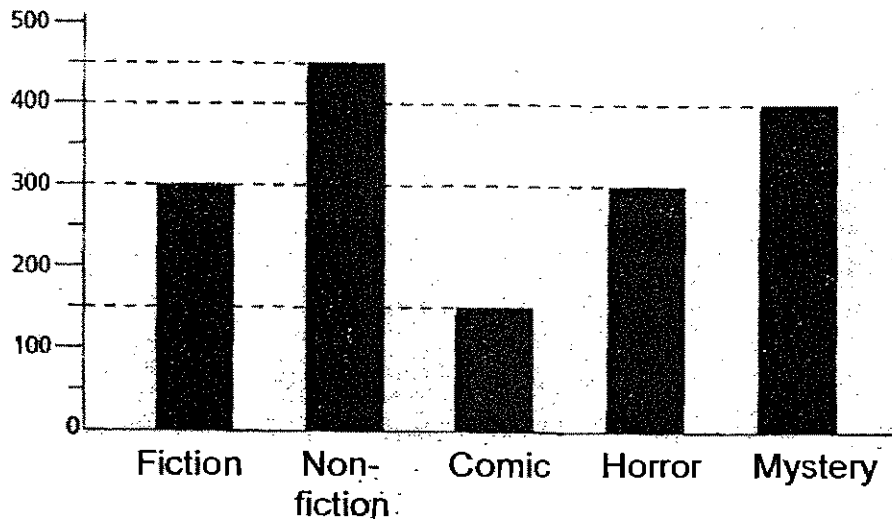
How many more non-fiction book readers than comic book readers are there?

(1)   150
(2)   300
(3)   450
(4)   600

16.   Look at the figure below. How many more do you need to shade so that $\frac{3}{4}$ of the figure is shaded?

(1)   1
(2)   2
(3)   3
(4)   5
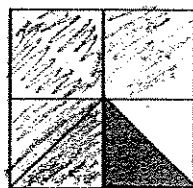
5

17. In a swimming competition, John was 3 m behind Peter.
     Kyle was 4 m ahead of John.
     Daryl was 2 m behind Kyle.
     How far apart was Daryl from John?

     (1)   1 m
     (2)   2 m
     (3)   3 m
     (4)   4 m

18. Alan had just enough money to buy 8 toy cars but he only
     bought 6 toy cars and had $4 left.
     How much money did he have at first?

     (1) $12
     (2) $16
     (3) $24
     (4) $32

19. Study the figures below carefully.

Figure 1   Figure 2   Figure 3   Figure 4   Figure 5
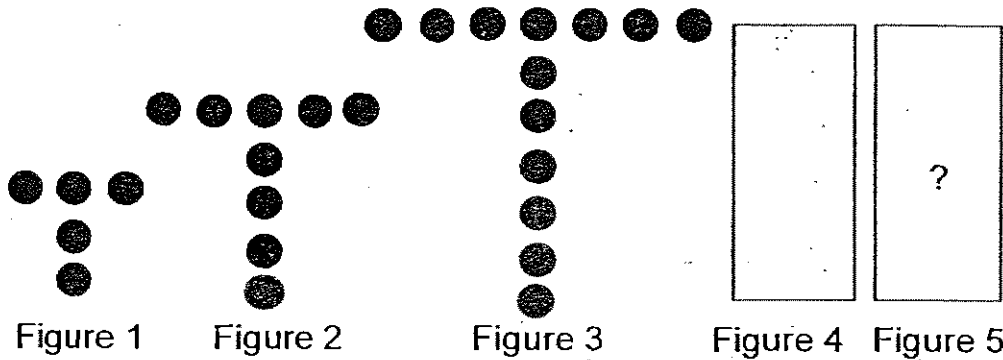
     How many counters are there in Figure 5?

     (1)   11
     (2)   14
     (3)   17
     (4)   21

20. Simon was a stamp collector.
    In Week 1, he collected 6 stamps.
    In Week 2, he collected 7 stamps.
    In Week 3, he collected 9 stamps.
    In Week 4, he collected 12 stamps.
    Following the pattern above, how many stamps would he be
    able to collect from Week 5 to Week 8?

    (1)   16
    (2)   34
    (3)   64
    (4)   98

Please turn over to the next page.

7

SECTION B: Open-ended Questions (20 x 2 marks)
Show your working clearly in the space provided and write the
correct answers in the answer boxes provided.

21.   Subtract 3468 from 6129. The answer is _____.

22.   What is the product of 235 and 8?

23.   When 864 is divided by 8, the quotient is _____.

24.   Kenny bought a toy aeroplane and gave the cashier $50.
        How much change did he receive?

        $24.50

        $ _____

25.   What is the mass of the bananas?

        kg   g

8
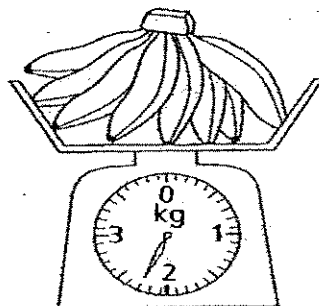
26.   Find the sum of $\frac{3}{4}$ and $\frac{1}{8}$.

27.   The bar graph below shows the amount of money earned in a month by 4 people.
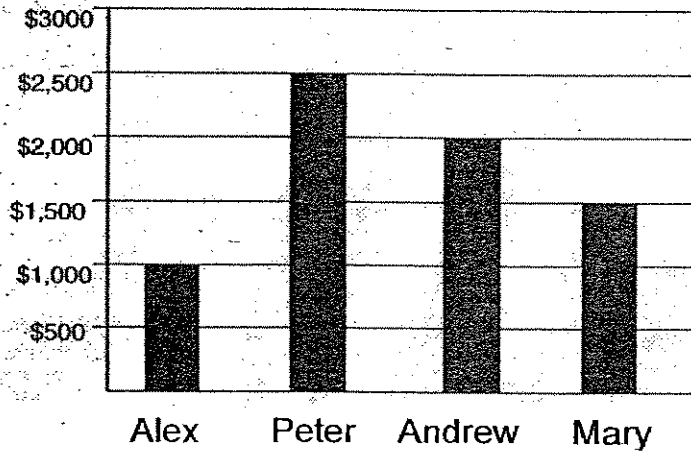
(a)   What is Andrew's salary?

$

(b)   How much money do Alex and Peter earn?

$

9

28.   What is the volume of water in the container?
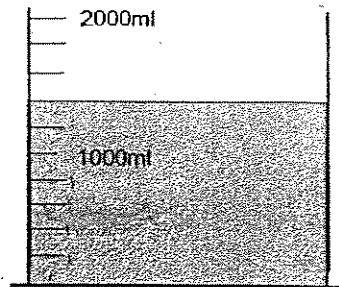
	ml

29.   Ming Shen has 295 stickers.
      He has 48 fewer stickers than Guo Hua
      Guo Hua has 73 fewer stickers than Tim.
      How many stickers does Tim have?

	stickers

30.   Valerie spilled some ink on her assessment book.
      Each letter represents a different one-digit number.
      What is the value of "B"?

```
      C  6  A
   +  1  B  9
   _____
      9  2  3
```

10

31.   There were 20 trees planted along a straight road. The distance
      between each tree and the next was equal for all the trees.
      The distance between the first tree and the third tree was 50 m.
      What was the distance between the first tree and the fifth tree ?

32.   The bar graph below shows the cost of 5 items.
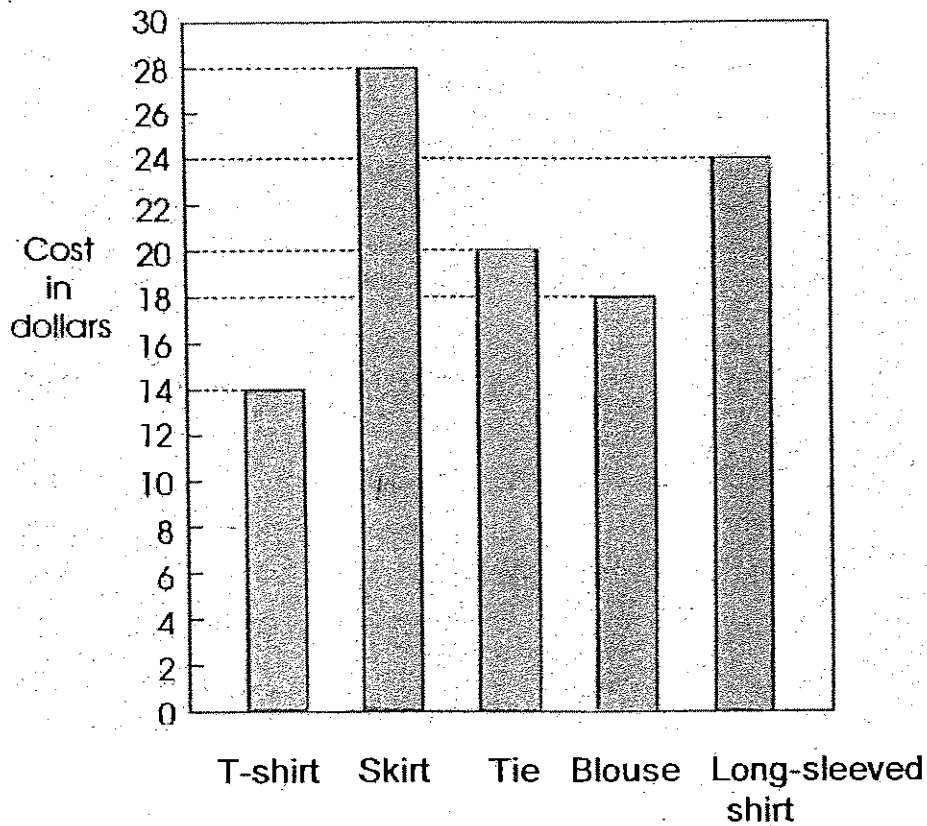
The total cost of the blouse, tie and the long-sleeved shirt is
$_____ more than the cost of the skirt.

11

33.   A car needs 260 ml of petrol to travel each kilometre.
      If it travels 7 km, how many millilitres of petrol does it need in all?

      | ml |

34.   Using any of the digits from 1 to 9 once, form the largest 4-digit
      odd number that has 8 as one of its digits.

      | |

35.   Jane has a striped blouse and a spotted blouse.
      She has white, red and pink skirts.
      She can wear black or yellow shoes.
      How many different outfit combinations can she make?

36.   Jeremy gave 18 cookies to each of 4 friends and had 3 cookies
      left. How many cookies did he have at first?

      | cookies |

12

37. A shop sells 480 apples on Monday, 240 apples on Tuesday, 120 apples on Wednesday and so on. On which day did the shop sell 30 apples?

```
┌─────────────────────────┐
│                         │
└─────────────────────────┘
```

38. The table below shows a menu of a restaurant.

Menu	
Chicken Chop	$17.50
Pork Chop	$12.50
Fish and Chips	$11.80
Potato Salad	$6.90

Mr Tham and family ordered 3 different types of food from the menu. What was the largest amount of money he would have to pay?

```
┌─────────────────────────┐
│ $                       │
└─────────────────────────┘
```

13

39.   Look at the pictures carefully. Find the mass of object B.
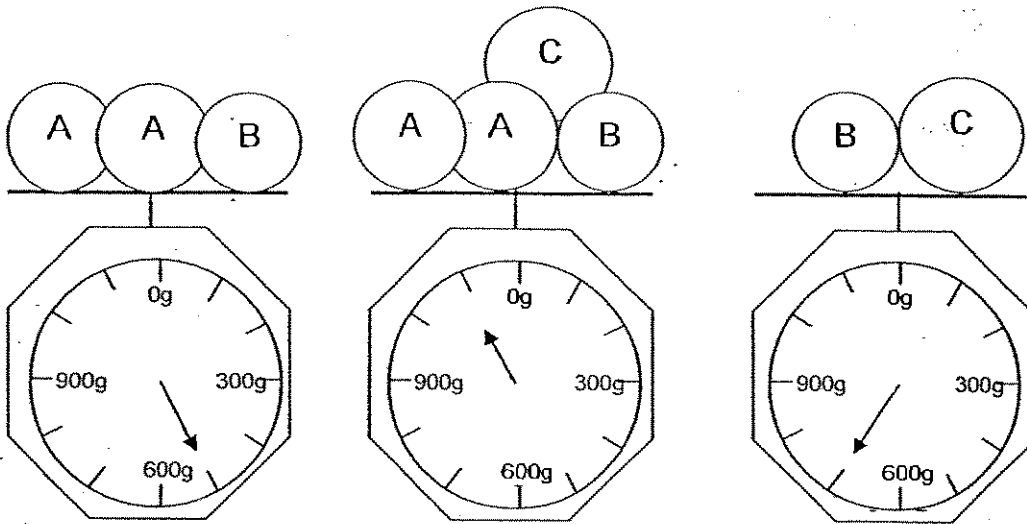
| | | g |

---

40.   Study the pattern carefully. Find the missing number.
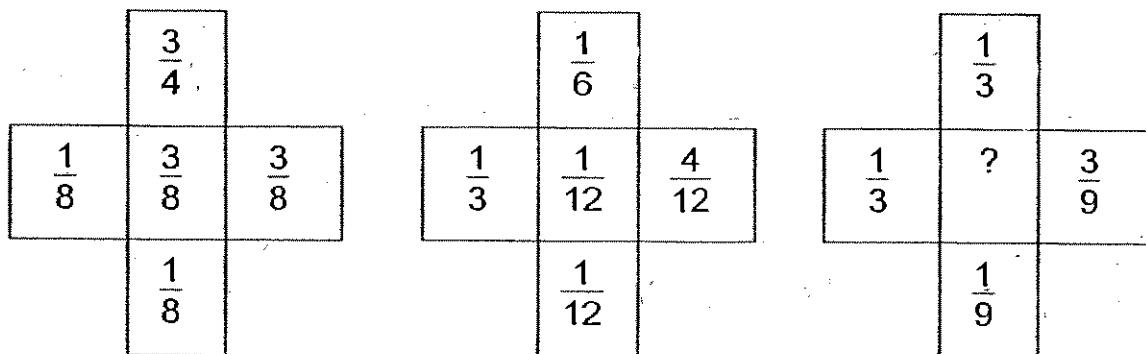
| | | g |

SECTION C: Story Sums (5 x 4 marks)
Solve the following story sums. All workings must be shown clearly.
Draw models if necessary.

41.   Mrs Ng had 6 packets of biscuits. Each packet had 36 biscuits. The biscuits were shared equally among her 4 children. How many biscuits did each child receive?

42.   The total cost of a fan and a table was $324. The table cost $80 more than the fan. What was the cost of 2 similar fans?

43.   Adrian ran thrice as far as Benny.
       Benny ran 240 m lesser than Danny.
       Danny ran 360 m lesser than Adrian
       How far did Benny run?

44.   The mass of a box with 4 identical books is 780 g.
       The same box with 2 identical books is 400 g.
       What is the mass of each book?

16

45.   Cathy and Daniel had an equal amount of money. After Cathy
       received twice the amount of money of what she had at first and
       Daniel spent $8, Cathy had 4 times as much as Daniel. How much
       money did Daniel have at first?

END OF PAPER
☺ *Please check your work.* ☺
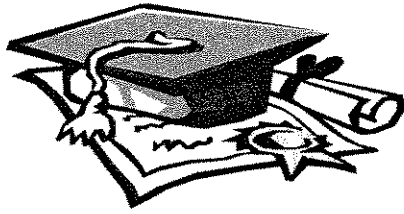
17

ANSWER SHEET

CATHOLIC HIGH PRIMARY SCHOOL - PRIMARY 3 MATHEMATICS 2007
CONTINUAL ASSESSMENT (2)

1. 3	31) 100
2. 4	32) $34
3. 1	33) 1820ml
4. 4	34) 9875
5. 3	35) 12
6. 4	36) 75 cookies
7. 4	37) Friday
8. 4	38) $41.80
9. 1	39) 100g
10. 2	40) 2/9

11. 1
12. 1
13. 2
14. 4
15. 2
16. 4
17. 2
18. 2
19. 4
20. 4
21. 2661
22. 1880
23. 108
24. $25.50
25. 2kg 300g
26. 7/8
27. a) $2000   b) $3500
28. 1400ml
29. 416 stickers
30. 5

41) 36x6=216
    216÷4=54
    Each child receive 54 biscuits.

42) $324-$80=$244
    $244÷2=$122
    $122x2=$244
The cost of two similar fan is $244.

43) 2unit→360+240=600m
    Benny(1unit)→ 600÷2=300
    Benny run 300m.

44) Wt. of two books→780-400=380
    Mass of 1 book is 380÷2=190g
    Each book is 190g.

45) 1unit→8x3=$24
    Daniel had $241+$8=$32 at first.

AI TONG SCHOOL

2007

SEMESTRAL ASSESSMENT 2

PRIMARY 3

MATHEMATICS

DURATION : 1 h 30 min

DATE   : 25 OCTOBER 2007

INSTRUCTIONS

Do not open the booklet until you are told to do so.
Follow all instructions.
Answer all questions.

Name   : _____ (   )

Class   : Primary 3_____   Marks: /100
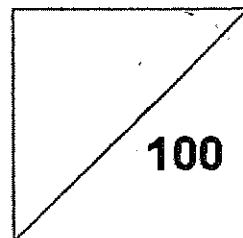
Parent's Signature   : _____

Date   : _____

SECTION A
Question 1 to 20 carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical
Answer Sheet.   (40 marks)

1 Form the smallest four-digit <u>even number</u> with 5, 3, 0 and 8.

   1) 3058
   2) 3085
   3) 3580
   4) 3850

2 What is 100 more than 4948?

   1) 4848
   2) 4958
   3) 5048
   4) 5948

3 What is 10 less than 10 x 8?

   1) 8
   2) 70
   3) 80
   4) 90

4 What is the quotient of 76 ÷ 6?

   1) 12
   2) 2
   3) 6
   4) 4

5 What is the total value of 3 two-dollar notes and 5 ten-cent coins?

1) $2.05
2) $2.50
3) $3.05
4) $6.50

6 Tammy ran 2346 km. Timmy ran 1458 km further than Tammy. How far did Timmy run?

1) 888 km
2) 1458 km
3) 2346 km
4) 3804 km

7 What is 6 cm shorter than 708 cm?

1) 108 cm
2) 702 cm
3) 714 cm
4) 1308 cm

8 Jim bought 36 kg of lychees. He packed them equally into 9 baskets. He sold 6 baskets of the lychees. Find the mass of lychees sold.

1) 36 kg
2) 24 kg
3) 6 kg
4) 4 kg

9 Clare bought 6 ℓ of orange juice. She drank 2 ℓ 68 mℓ.
How much orange juice had she left?

1) 3932 mℓ
2) 4042 mℓ
3) 4068 mℓ
4) 8068 mℓ

10   How heavy is the bag of rice?
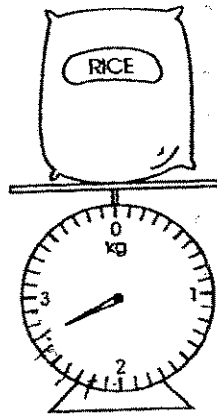
1) 2 kg 700 g
2) 2 kg
3) 3 kg
4) 2 kg 350 g

11   If 🙂🙂🙂 stand for $45,

then 🙂 🙂 🙂 🙂 🙂 stand for $ _____.

1) $15
2) $45
3) $75
4) $90

12   Dawn cuts a pizza into 6 equal slices. She gives 2 slices to her brother and eats the rest. What fraction of the pizza does she eat?

1) $\dfrac{2}{6}$

2) $\dfrac{3}{6}$

3) $\dfrac{4}{6}$

4) $\dfrac{5}{6}$

3

13   What fraction of this figure is shaded
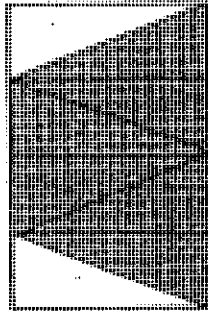
1) $\dfrac{3}{8}$

2) $\dfrac{3}{5}$

3) $\dfrac{5}{8}$

4) $\dfrac{3}{4}$

14   How many angles inside this figure are bigger than a right angle?
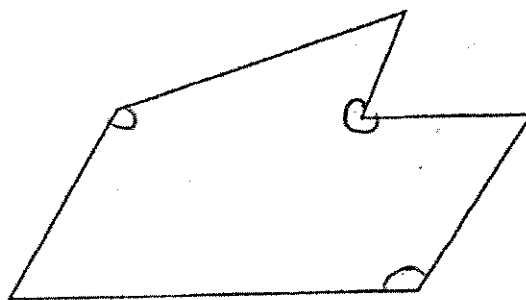
1)   1
2)   7
3)   3
4)   4

4

15   Arrange the angles from the smallest to the biggest.

C   D   E   F
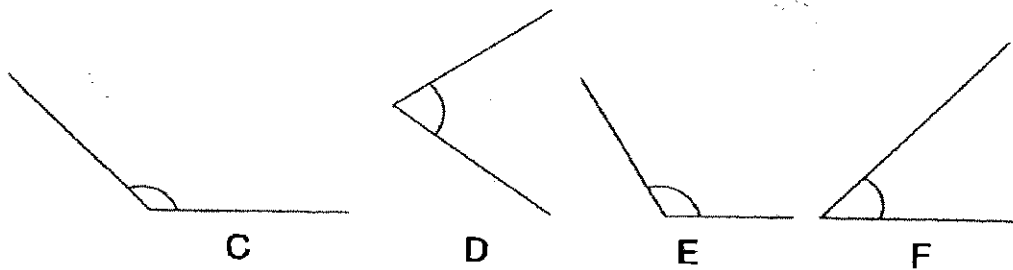
1) C, D, E and F
2) F, E, D and C
3) F, D, E and C
4) C, E, D and F

16   Mrs Loo reached the supermarket at 8 a.m. She took 1 h 40 min to buy her groceries. What time did she leave the supermarket?

1) 7.40 a.m.
2) 8.40 a.m.
3) 9.00 a.m.
4) 9.40 a.m.

17   What is 175 min in hours and minutes?

1)   1 h 15 min
2)   1 h 75 min
3)   2 h 25 min
4)   2 h 55 min

5

18   The area of the square below is _____ cm².

6 cm
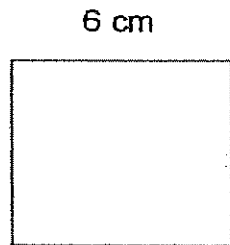
1) 6
2) 12
3) 24
4) 36

19   What is the difference between the areas of Rectangles M and N?

10 cm

M

8 cm

12 cm

N

2 cm
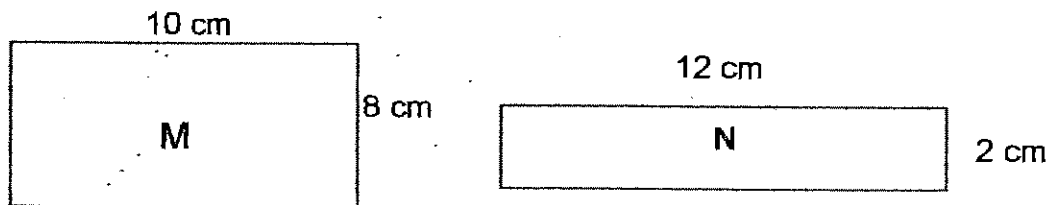
1) 8 cm²
2) 4 cm²
3) 56 cm²
4) 104 cm²

20   Which of the following pairs of lines are parallel?

1)   2)

3)   4)

6

SECTION B
Questions 21 to 40 carry 2 marks each.
Write your answers in the spaces provided.   (40 marks)

21   5436 = 36 + 2000 + _____

Ans: _____

22   Complete the number pattern.

2 ,   4 ,   6 ,   10 , 16, _____, 42

Ans: _____

23   I am a 4 digit even number between 2010 and 2014.

What is the answer?

Ans: _____

24   The sum of two numbers is 150. One number is 30 more than the other number. What is the bigger number?

Ans: _____
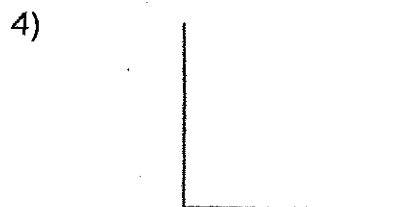
25 If ☆ x ⬡ = 18 and

☆ − ⬡ = 7, what is ⬡ ?

Ans: _____

26 Mrs Fields makes 326 muffins each day.

How many muffins does she make in one week?

Ans: _____

27 A watch costs 5 times as much as a necklace. If the necklace costs $145, find the cost of 4 similar watches.

Ans: $_____

28 How many 20 cents coins can I exchange with $6?

Ans: _____
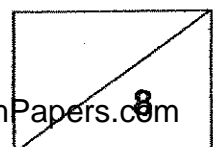
29   What is 8 kg 60 g – 2 kg 385 g?

Ans: _____ kg _____ g

---

30   560 cm + 755 cm = _____ .

·Express your answer in m and cm.

Ans: _____ m _____ cm

---

31   John is 12 cm shorter than Sam.

Roy is 25 cm taller than Sam.

Find the difference in height between Roy and John.

Ans: _____ cm

---

32   A glass has a capacity of 30 ml. How many such glasses are needed to fill a 1 ℓ container?

Ans: _____
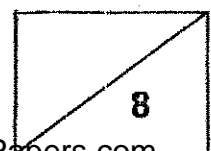
33
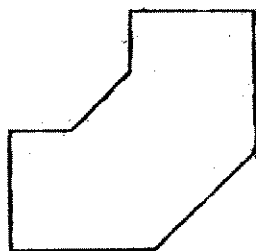
How many sides and angles are there in the above shape?

Ans: _____ sides _____ angles

---

34   Find the sum of the smallest and greatest fractions.

$$\frac{1}{6} \qquad \frac{1}{2} \qquad \frac{2}{3}$$

Ans: _____

---

35   The figure below is not drawn to scale.

What is the fraction of the unshaded part of the square shown below.

(Leave your answer in the simplest form)

Ans: _____

6
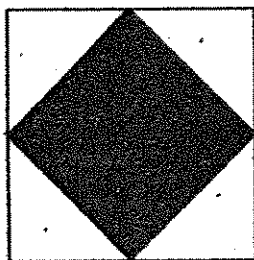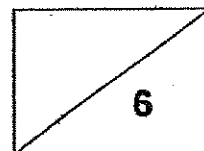
36   If the perimeter of a square is 40 m,   what is the area of the square?

Ans:_____m²

37   The length of a rectangle is twice its breadth. If its perimeter is 60 cm,

find its length.

Ans: _____cm

38   How many minutes is 2 h 25 min?

Ans: _____min

39   A coffee shop opens at 6.30 a.m.

It opens 16 h 30 min each day.

At what time does the coffee shop close?

Ans: _____p.m.

8
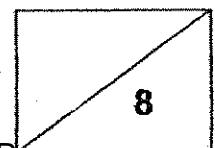
40　　The graph shows the number of stickers collected by a group of children.

With the given information, <u>complete the graph by drawing the bars for Cate and Elaine.</u>

Name	Number of stickers collected
Alice	200
Ben	100
Cate	50 stickers more than Ben
Danny	200
Elaine	150 stickers less than Alice

Number of stickers collected by a group of children
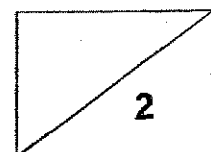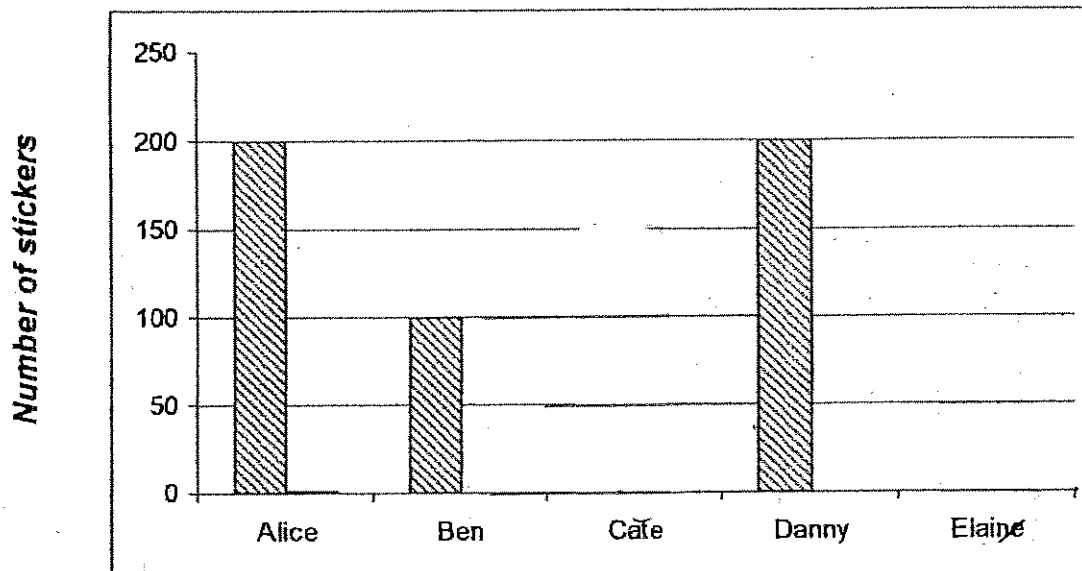
SECTION C
Questions 41 to 45 carry 4 marks each.
Show your working clearly in the space provided for each question .

(20 marks)

41   May has $8 less than Amy and $16 less than Cindy.

They have a total of $45.   How much does May have?

42   Mrs Cheng had some erasers and she bought 10 more.   She then gave her

2 daughters 3 erasers each .   She had 8 erasers left for herself.   How

many erasers did she have at first?

8

13
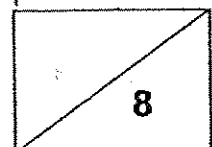
43   The graph shows the number of curry puffs sold by Ahmad in 5 months.

Study the picture carefully and answer questions 43a and 43b..

Sale of curry puffs sold over 5 months
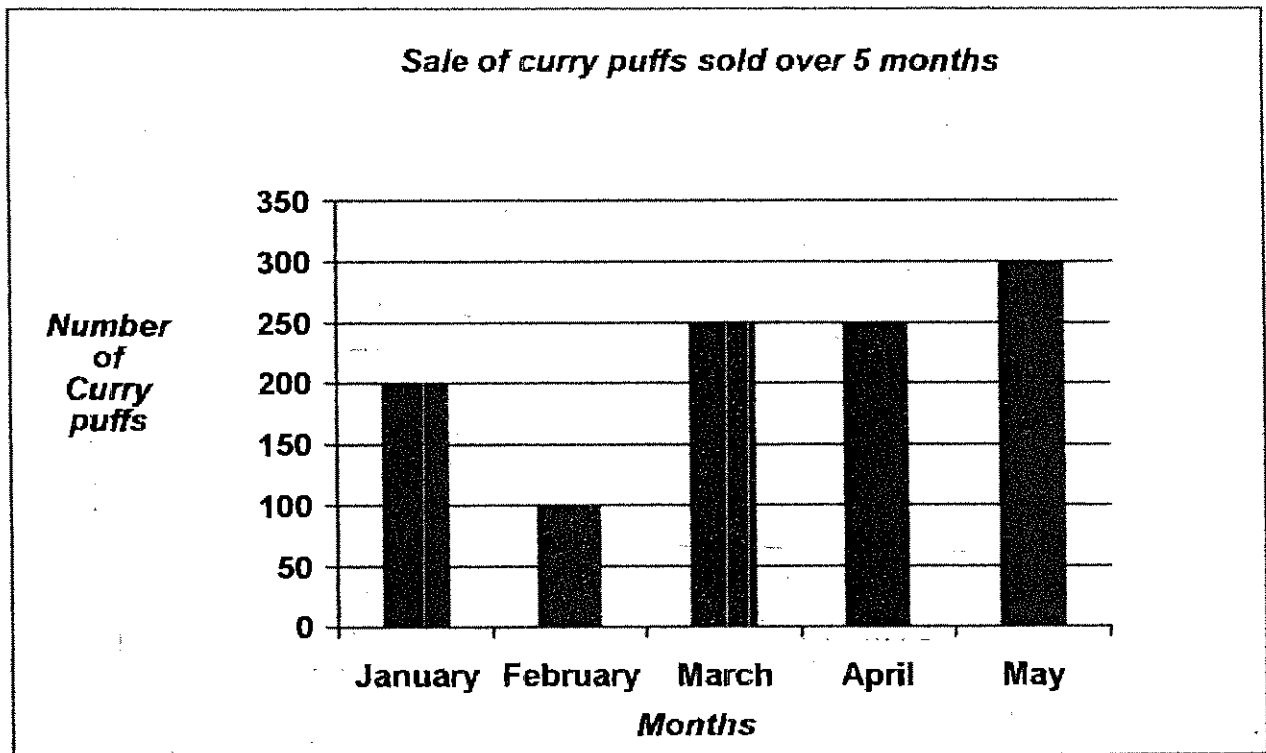
43a   Which month has 3 times as much sale as February?

(Show your working clearly)

43b   If each curry puff is sold at $2 each, how much will Ahmad collect from the sales of the curry puffs over the 5 months?

4

14
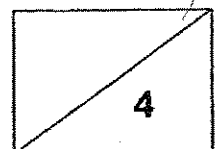
44   The figures below are not drawn to scale.   Find how many times the area of Rectangle Q is as big as the area of Rectangle P.

7 cm

3 cm

| P | 2 cm |

| Q | 12 cm |

4

15
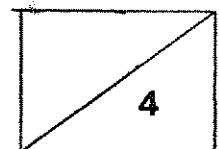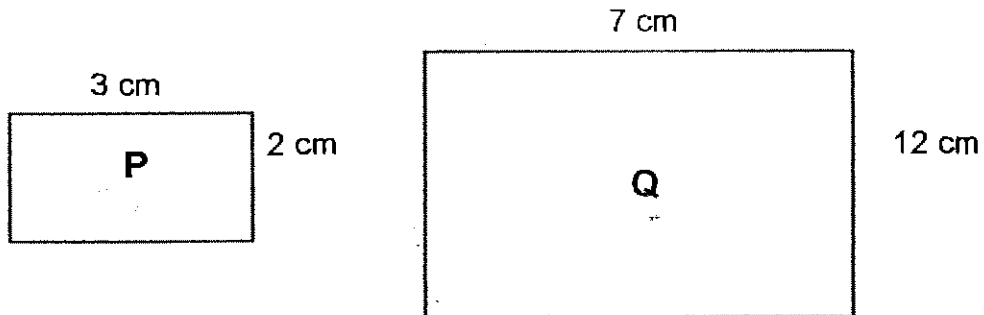
45   Mei spent $\dfrac{1}{2}$ of her money on a bag and $\dfrac{1}{4}$ of the remaining money on books. She had $30 left. How much money did she have at first?
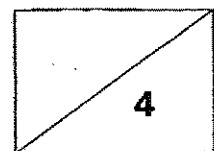
~ End of paper~

~ Check your work carefully ~

16
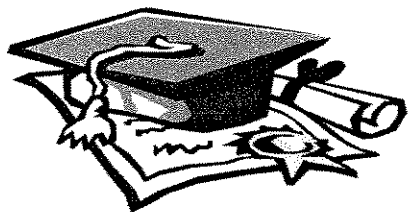
ANSWER SHEET

AI TONG PRIMARY SCHOOL - PRIMARY 3 MATHEATICS 2007
SEMESTRAL ASSESSMENT (2)

1. 1	31) 37cm
2. 3	32) 34 glasses
3. 2	33) 8 sides 8 angles
4. 1	34) 5/6
5. 4	35) ½
6. 4	36) 100m2
7. 2	37) 20cm
8. 2	38) 145min
9. 1	39) 11p.m.
10. 1	40)
11. 3	
12. 3	
13. 4	
14. 3	
15. 3	
16. 4	
17. 4	
18. 4	
19. 3	
20. 2	
21. 3400	
22. 26	
23. 2012	
24. 90	
25. 2	
26. 2282 muffins	
27. $2900	
28. 30 twenty cents coins	
29. 5kg 675g	
30. 13m 15cm	
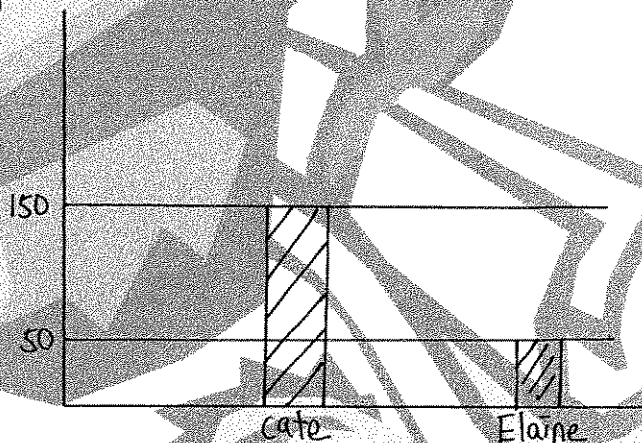
41) $16+$8=$24
    $45-$24=$21
    $21÷3=$7
    May have $7

42) 2x3=6 erasers
    6+8=14 erasers
    14-10=4 erasers
    She had 4 erasers at first.

43) a) 100x3=300 curry puffs
       =May
    It is May.
    b) 200+100+250+250+300=1100 curry puffs
       1100x$2=$2200
    He will collect $2200

44) 12cmx7cm=84cm2
    3cmx2cm=6cm2
    84cm2÷6cm2=14cm2
    It is 14cm2 times more.

45) 3u→$30
    1u→$30÷3=$10
    8u→$10x8=$80
    She had $80 at first.

Maha Bodhi School

2007 Semestral Assessment 2

Mathematics

Name :_____(   )

Date   : 29 October 2007

Class : Pr 3 _____

Duration : 1 h 45 min

<div style="text-align:center;">

BOOKLET A

</div>

Section A (40 marks)

Questions 1 to 20 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1.   The value of digit '9' in 9057 is _____ .

      (1)   9 x 1
      (2)   9 x 10
      (3)   9 x 100
      (4)   9 x 1000

2.   How many 5's are there in 10 tens ?

      (1)   20
      (2)   105
      (3)   200
      (4)   500

3.   The difference between two numbers is 65.
      If the bigger number is 4055 , what is the smaller number ?

      (1)   3990
      (2)   4120
      (3)   4185
      (4)   4990

1

4.
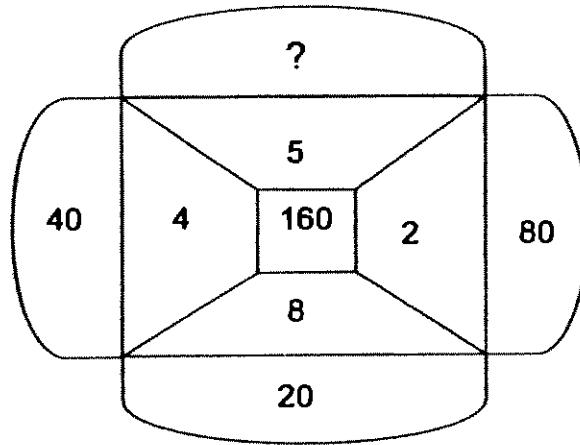
What is the missing number ?

(1)   32
(2)   40
(3)   60
(4)   165

5.   The quotient of 1813 ÷ 9 is _____ .

(1)   225
(2)   201
(3)   21
(4)   4

6.

♦ + ♦ + ♦   = 138

♣ + ♣ + ♣ + ♣ + ♣ = 25

Study the information above.

What is the product of ♦ and ♣ ?

(1)   113
(2)   163
(3)   230
(4)   690

7.   Which one of the following has the greatest value ?

  (1)   385 cents
  (2)   20 fifty-cent coins
  (3)   60 ten-cent coins
  (4)   40 twenty-cent coins

8.   The total cost of 9 similar bags is $549.
      How much does 4 such bags cost ?

  (1) $61
  (2) $244
  (3) $536
  (4) $2196

9.   The height of the classroom's cupboard is about _____ .

  (1)   16 m
  (2)   16 cm
  (3)   160 m
  (4)   160 cm

10.   The length of rope A is 2 m 27 cm. It is 37 cm longer than rope B.
      What is the total length of both ropes ?

  (1)   1 m 90 cm
  (2)   2 m 64 cm
  (3)   4 m 17 cm
  (4)   4 m 91 cm

11.   A packet of green tea has a mass of 250 g.
      How many such packets would have a mass of 4 kg ?

  (1)   8
  (2)   12
  (3)   14
  (4)   16

3

12. Arrange the blocks from the lightest to the heaviest .
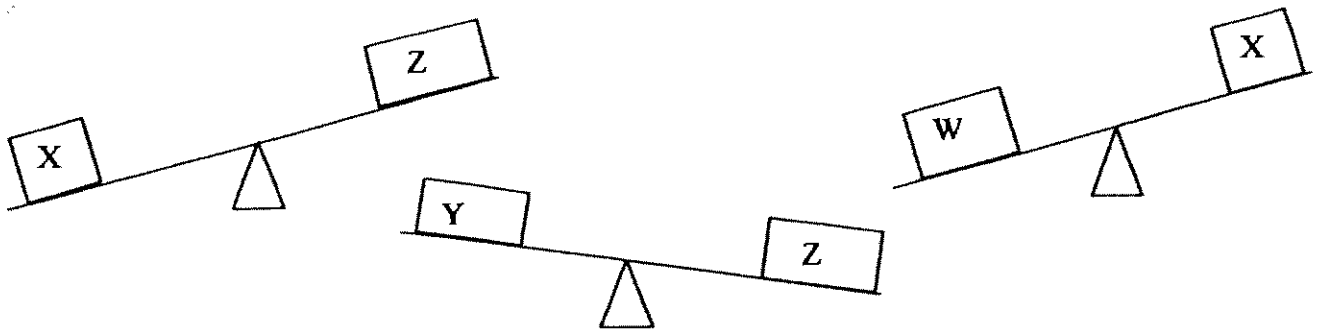
(1) W , X , Z , Y
(2) X , W , Y , Z
(3) Y , W , Z , X
(4) Y , Z , X , W

13. How much **more water** is needed to fill up to the 2ℓ mark ?
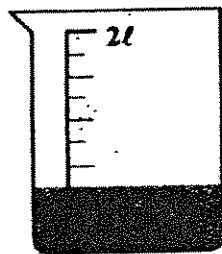
(1) 300 ml
(2) 600 ml
(3) 1400 ml
(4) 1700 ml

14. What is the missing numerator ?

$$\frac{6}{9} = \frac{\square}{12} = \frac{16}{24}$$

(1) 10
(2) 9
(3) 8
(4) 4

4

15. Donavan needs 24 jugs of water to fill up the tank.
How many pails of water does he need to fill up the same tank ?

Tank
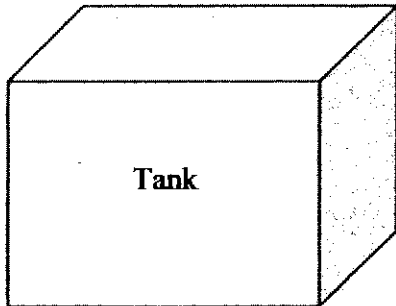
4- *ℓ*itre pail

2-*ℓ*itre Jug

(1)   6
(2)   12
(3)   48
(4)   60

16. What fraction of the figure below is **shaded** ?

(1) $\dfrac{1}{3}$

(2) $\dfrac{1}{4}$

(3) $\dfrac{1}{5}$

(4) $\dfrac{1}{6}$

5
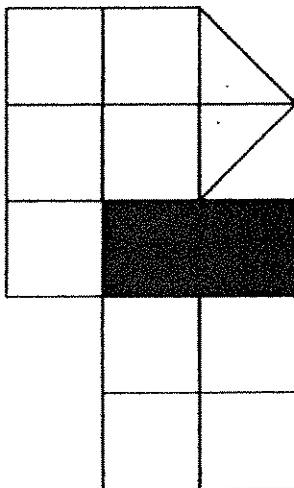
17.   Mr Muthu took half an hour to vacuum the inside of his car.
       Then he took 195 minutes to wash and polish his car.
       How much time did Mr Muthu spend on his car ?

       (1)   3 h 5 min
       (2)   2 h 5 min
       (3)   3 h 45 min
       (4)   2 h 45 min

18.   Which one of the following pairs are parallel lines ?

       (1)   (2)

       (3)   (4)

6
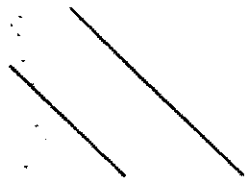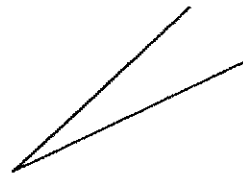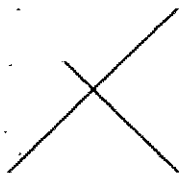
19.   Which line is ⊥ to AD ?
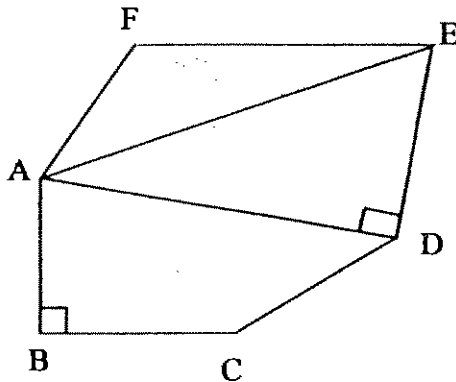
(1)   AE
(2)   ED
(3)   AB
(4)   EF

20.   Janice had $\frac{1}{3}$ kg of sugar and some flour.

She used all of the flour and only $\frac{1}{12}$ kg of sugar to bake some cookies.

How much sugar was left ?

(1) $\frac{1}{4}$ kg

(2) $\frac{3}{4}$ kg

(3) $\frac{5}{12}$ kg

(4) $\frac{7}{12}$ kg

7

Maha Bodhi School

2007 Semestral Assessment 2

Mathematics

Name : _____( )

Class : Pr 3 _____

Duration : 1 h 45 min

Date : 29 October 2007

Parent's Signature : _____

Section A (40 marks)	
Section B (40 marks)	
Section C (20 marks)	
Total (100 marks)	

BOOKLET B

Section B (40 marks)
Questions 21 to 40 carry 2 marks each.
Write your answers in the boxes provided. Give your answers in the units stated.
Show your working in the space provided. Marks will be awarded for correct method shown.

---

21. What is ten thousand, one hundred and eleven in numerals?

22. 364 tens - ☐ = 1426

What is the number in the box ?

23. 976 + 8 = ☐ + 3

What is the number in the box ?

8

24.

> 40¢ each or
> 3 for $1
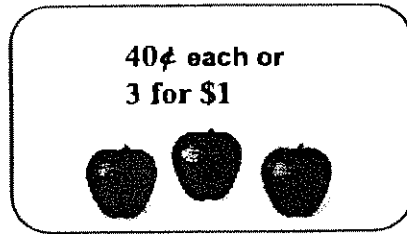
Rosie wants to buy 15 apples.
What is the least amount of money that she could have spent on the apples?

$

25. How many two-dollar note can the amount below be changed to ?

$10 $5

$5 $2
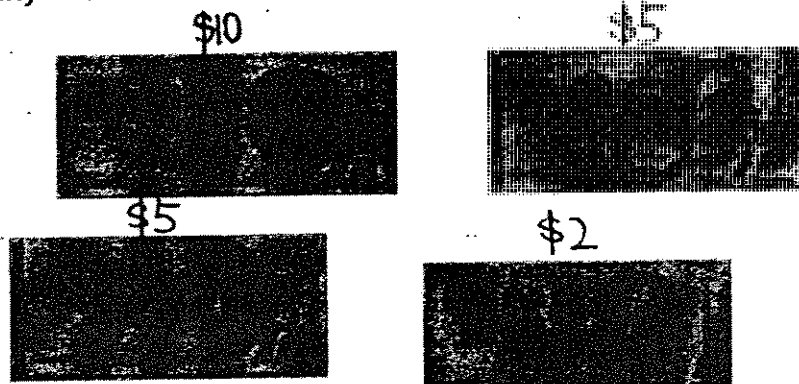
26. The total cost of a T-shirt and a pair of pants is $54.90.
The pair of pants costs $6.10 more than the T-shirt.
What is the cost of the T-shirt?

$

9

27. After buying 8 kg of prawns, Mrs Lim had $64 left.
How much money did she have at first ?

$17 for 1 kg

$ _____
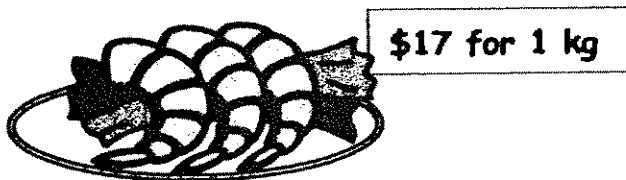
28. 3 ℓ 60 ml – 1ℓ 970 ml = _____ ml .

_____ ml

29. What is the missing denominator in the box?

$$\frac{2}{7} = \frac{6}{\square}$$

_____

30. How many more square units must be shaded to show $\frac{3}{4}$ of the figure ?

_____ Squares

10
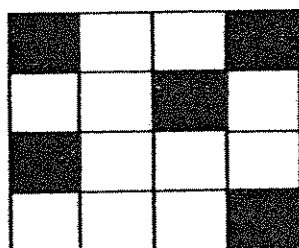
31.   Give a fraction (in the simplest form) that is greater than $\frac{1}{2}$ but less than $\frac{7}{8}$.

32.   Rachael took 35 minutes to travel to school by bus.
       If she reached her school at 7.10 a.m., what time did she start her journey by bus?

a.m.

33.   A kettle can hold 4 times as much water as a teapot. If the kettle has a capacity of 2 *l*,
       how much **more** water can the kettle hold than the teapot?

ml

34.   Find the perimeter of the figure shown?

11 cm

3 cm

2 cm

cm

11
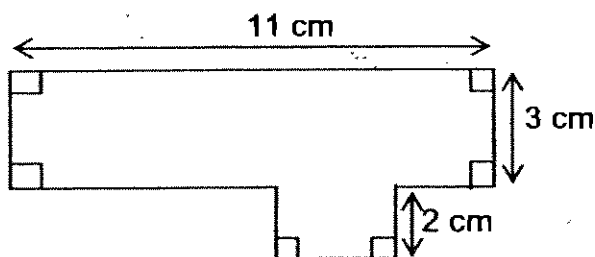
35.   The perimeter of a rectangle is 24 cm .
       If the breadth of the rectangle is 4 cm, what is its area ?

cm²

36.   Jazer took 3 h 15 min to complete a jigsaw puzzle while
       Edward took only 1 h 48 min to complete the same jigsaw puzzle .
       How much longer did Jazer take ?

h	min

12

The bar graph below shows the number of tickets sold
at a fanfare from Monday to Friday.
Study the graph and answer Questions 37 and 38.
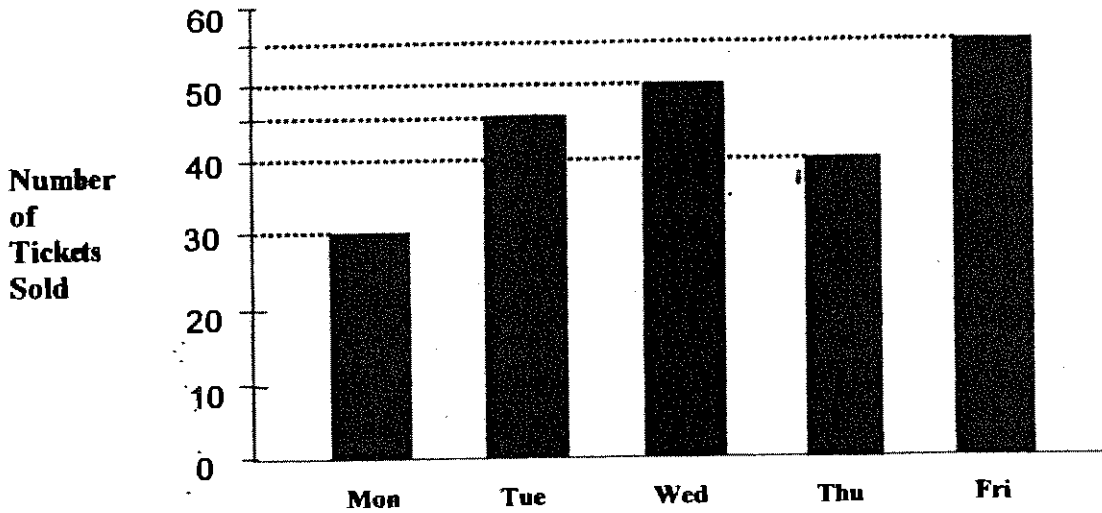
37. How many more tickets were sold on Friday than on Monday ?

more tickets

38. Find the total number of tickets sold for the five days .

tickets

13

The table and bar graph below shows the favourite hobbies by a group of pupils .
Study the graph and answer Questions 39 and 40 .
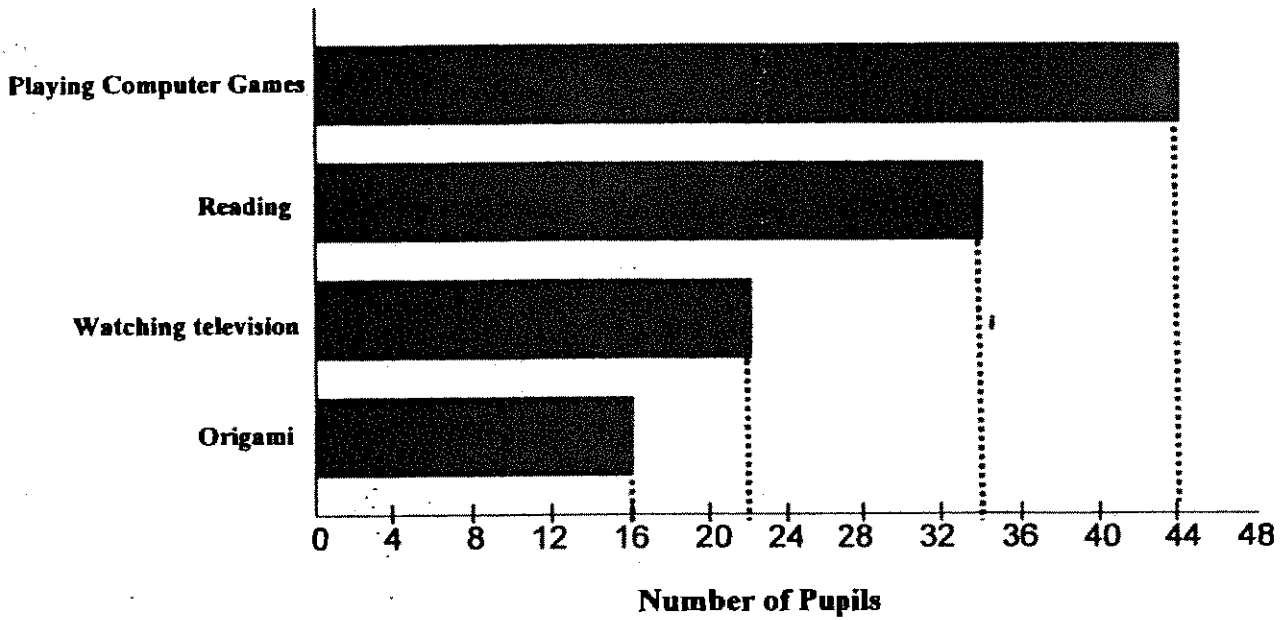
Number of Pupils

39.   How many pupils like reading as their favourite hobby ?

| pupils |

40.   Which activity has twice less than the number of pupils playing computer games ?

Section C (20 marks)
Questions 41 to 45 carry 4 marks each. ·
Show your working clearly in the space below each question.
Write a statement for each step.

41. A group of 8 girls shared some beads. After they had taken 179 beads each, there were 6 beads left. How many beads were there at first?

42. Janelle paid $13.50 for 2 flasks and 3 glasses. Each flask cost three times as much as each glass. How much did he pay for the glasses altogether?

15

43.   Mrs Bala made 1200 ml of lemonade. She drank 250 ml of it and poured the rest equally into 5 glasses. How much lemonade was there in each glass?

44.   Uncle Donald's farm had 39 cows and some ducks. Altogether they had 198 legs. How many ducks were there in the farm?

16

45. Area A is $\frac{1}{4}$ of the area of the square .
Find the perimeter of the square if area A is 36 cm^2.
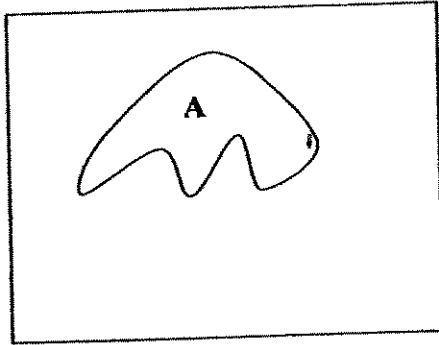
Remember to check your work!
Every mark counts.
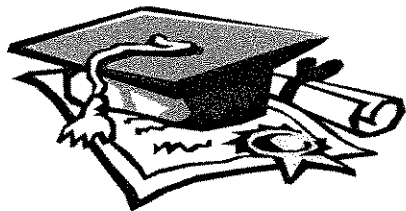
17

ANSWER SHEET

MAHA BODHI PRIMARY SCHOOL   – PRIMARY 3 MATHEMATICS   2007
SEMESTRAL ASSESSMENT (2)

1. 4
2. 1
3. 1
4. 1
5. 2
6. 3
7. 2
8. 2
9. 4
10. 3
11. 4
12. 4
13. 3
14. 3
15. 2
16. 4
17. 3
18. 1
19. 2
20. 1
21. 10111
22. 2214
23. 366
24. $5
25. 11
26. $24.40
27. $200
28. 1090ml
29. 21
30. 7 Squares

31) 5/8
32) 6.35a.m.
33) 1500ml
34) 32cm
35) 32cm2
36) 1h 27min
37) 25 more tickets
38) 220 tickets
39) 24 pupils
40) Watching television
41) 179x8=1432
    Altogether they have 1432 beads
    1432+6=1438
    There were 1438 beads at first

42) 3 glasses + 2 flasks=
    $13.50÷9=$1.50
    1 glass cost $1.50
    $1.50x3=$4.50
    The 3 glasses cost $4.50

43) 1200ml-250ml=850ml
    There were 950 of lemonade left
    after Mrs Bala drank poured
    950ml÷5=190ml

44) 39x4=156
    The cows has 156 legs altogether
    198-156=42
    The ducks has 42 legs altogether
    42÷2=21

45)Area of square➔36x4=144cm
   144÷12=12
   Length of square is 12cm
   Perimeter of square==>➔12cmx4=48cm
   The perimeter of the square is 48cm

Methodist Girls' School (Primary)

Primary 3

End-of-Year Examination (2007)

Mathematics

Name: _____ (   )

Class: Pr 3 _____

Marks: _

Section A (20 x 2 marks)
For each of the following questions, choose the correct answer and write its number in the brackets provided.

1. $3\ 642 = 3\ 000 + 600 + 4 \times \boxed{} + 2.$
       What is the missing number in the box?

       (1)   1
       (2)   10
       (3)   100
       (4)   1 000   (   )

2.   ♥ + ♥ + ☆ + ☆ + ☆ = 185.

       If each ♥ stands for 40, what is the value of each ☆ ?

       (1)   35
       (2)   37
       (3)   80
       (4)   105   (   )

3.   There were 1 200 concert tickets. Mrs Tan sold 345 tickets on Monday. She sold 60 more tickets on Tuesday than on Monday. How many tickets were left?

       (1)   405
       (2)   450
       (3)   750
       (4)   795   (   )

4.   Which of the following will complete the sequence ?

            1, 3, 9, 27, _____

       (1)   45
       (2)   54
       (3)   72
       (4)   81   (   )

1

5.   What is the sum of $1.65, $4.50 and 45 cents?

      (1) $5.55
      (2) $5.60
      (3) $6.55
      (4) $6.60   (   )

6.   Which one of the following is the shortest?

      (1)   140 cm
      (2)   1 004 cm
      (3)   1 m 4 cm
      (4)   10 m 4 cm   (   )

7.   Ali used 70 cm of ribbon to tie a parcel. What would be the
      length of ribbon needed to tie 8 such parcels?

      (1)   56 cm
      (2)   56 m
      (3)   5 m 6 cm
      (4)   5 m 60 cm   (   )

8.   Look at the figures below. What is the mass of one ◉ ?
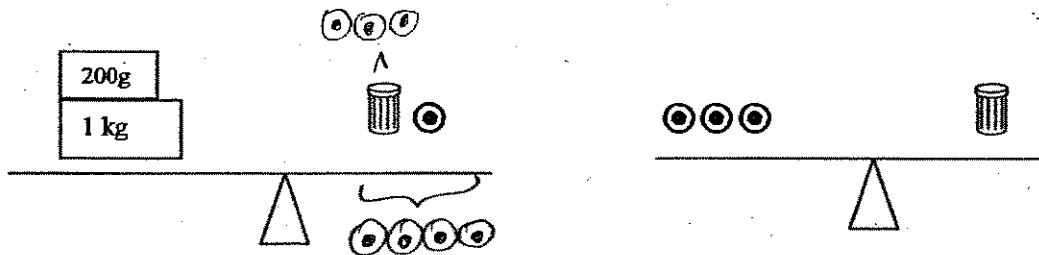
      (1)   120 g
      (2)   300 g
      (3)   400 g
      (4) 1 200 g   (   )

2

9.   Express <u>8 080 g in kg and g.</u>

(1)   8 kg   8 g
(2)   8 kg 80 g
(3)   80 kg   8 g
(4)   80 kg 80 g   (   )

10.   <u>A jug of coffee is able to fill 4 cups.</u> If 400 *ml* of coffee can fill 5
      such cups, how much coffee can the jug hold?

(1)   80 *ml*
(2)   100 *ml*
(3)   320 *ml*
(4)   1600 *ml*   (   )

11.   Express <u>2 h 35 min in minutes.</u>

(1)   95 min
(2)   125 min
(3)   155 min
(4)   235 min   (   )

12.   Lisa started working on her project at 2.45 p.m. She finished it
      at 5.05 p.m. How long did she take to complete her project?

(1)   2 h 20 min
(2)   2 h 30 min
(3)   3 h 40 min
(4)   3 h 50 min   (   )

3

Study the graph below and answer questions 13 and 14.

The graph below shows the amount of water in 3 containers.
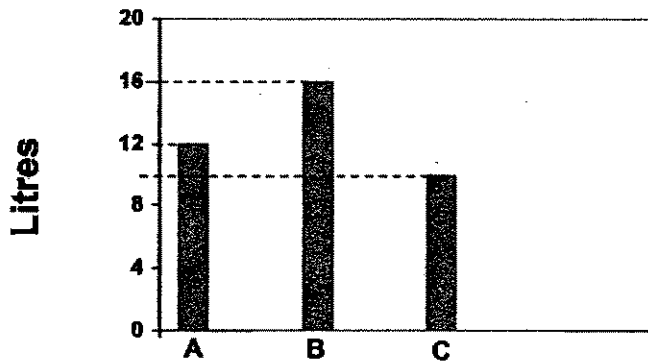
13. What is the total amount of water in containers <u>A and B?</u>

    (1)   22 *l*
    (2)   26 *l*
    (3)   28 *l*
    (4)   30 *l*   (   )

14. How much water should be poured from container B into container C so that both containers would have the same amount of water?

    (1)   13 *l*
    (2)   2 *l*
    (3)   3 *l*
    (4)   26 *l*   (   )

4

15.   How many right angles are there inside the figure below?
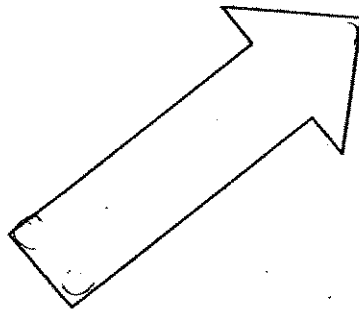
(1)   1
(2)   2
(3)   3
(4)   4   (   )

16.   How many angles are there inside the figure below?

(1)   10
(2)   8
(3)   6
(4)   4   (   )

5
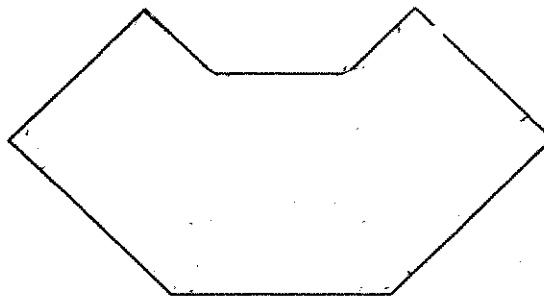
17. Which one of the following figures shows that $\frac{1}{3}$ of it is shaded?
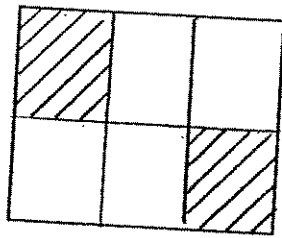
Figure 1
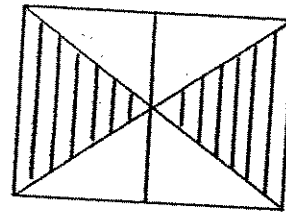
Figure 2
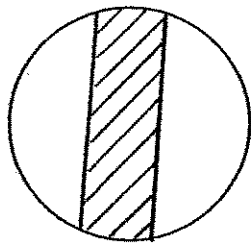
Figure 3
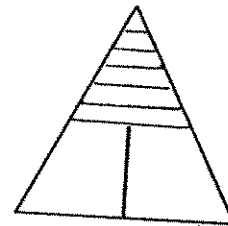
Figure 4

(1)   Figure 1
(2)   Figure 2
(3)   Figure 3
(4)   Figure 4

(   )

18. Which one of following is the equivalent of $\frac{3}{4}$?

(1) $\frac{4}{8}$

(2) $\frac{8}{12}$

(3) $\frac{13}{16}$

(4) $\frac{15}{20}$

(   )

6

19. The figure below is made up of three 5m-square. What is the area of the figure?
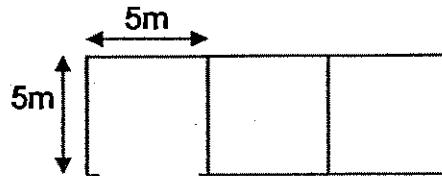
(1) 25 m²
(2) 40 m²
(3) 50 m²
(4) 75 m²   (   )

20. The perimeter of the rectangle below is 90cm. The length of the rectangle is twice as long as its breadth. What is the breadth of the rectangle?

(1) 15 cm
(2) 22 cm
(3) 30 cm
(4) 45 cm   (   )

7

Section B (20 x 2marks)

For each of the following questions, write your answers in the boxes provided. Give your answers in the units stated. <u>Show your working clearly.</u>

21.   13 + 14 + 25 + 26 = ☐ x 3

What is the missing number in the box?

22.   Gopal bought 18 bags of rice. Each bag of rice <u>weighed 5 kg.</u> He then <u>repacked them into bags of 2 kg each.</u> How many bags would he have?

23.   Betty and her sister had <u>36 marbles altogether.</u> Both of them had the same number of marbles after Betty had <u>given her sister 8 marbles.</u> How many marbles did Betty's sister have at <u>first?</u>

24.   What is the missing number?

```
        25
       5
16    4   6    ?
       7
        49
```
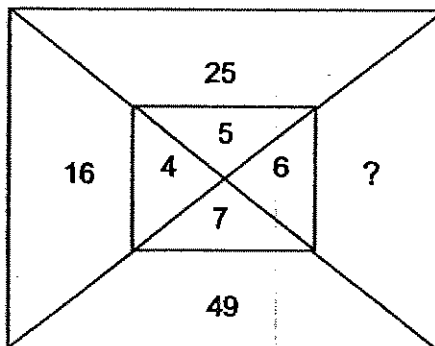
25. Jenny has 2 ten-dollar notes, some $5 notes and some $2 notes. She has $50, how many $5 notes and $2 notes has Jenny?

_____ $5-notes and

_____ $2-notes

26. May has $5. She wants to buy a book which costs $6.40. If she saves 50 cents each week, how long will it take her to save enough money to buy the book?

weeks

Look at the diagram below and answer question 27.

Ali's house   bus interchange   library

1 km 30 m   860m
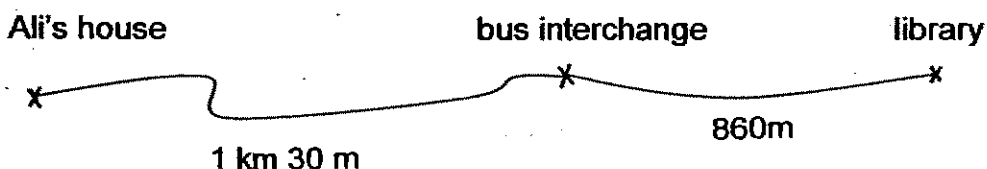
27. Ali cycled to the bus interchange from his house and then to the library. What was the distance he had cycled?

m

28. Look at the figure below. What is the total length of the 2 rods?

cm
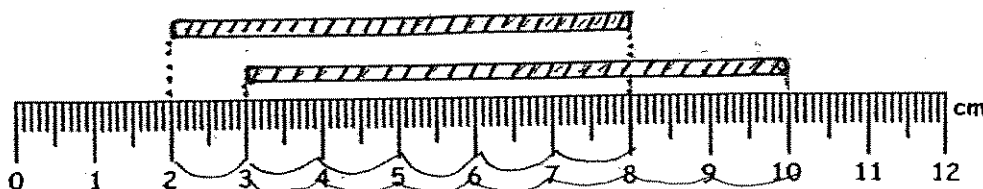
29. Look at the weighing scale below. What is the mass of the fish?
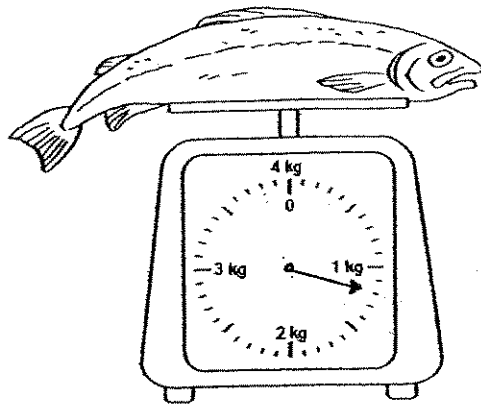
30. The capacity of a pail is 3 *l*. It has 1 *l* 200 *ml* of water in it. How much <u>more</u> water is needed to fill it to its brim?

ml

31. If 🐕 🐕 🐕 represent 27 dogs, how many 🐕 must Samy draw if he wants to represent 54 dogs?

10
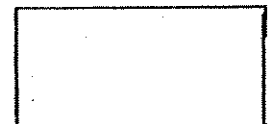
32. The musical 'Three Little Pigs' ended at 9.30 p.m. The show was 1 hour 45 minutes long. At what time did the show begin?

33. The time is 20 minutes to 7. Draw the hands of the clock to show the time.
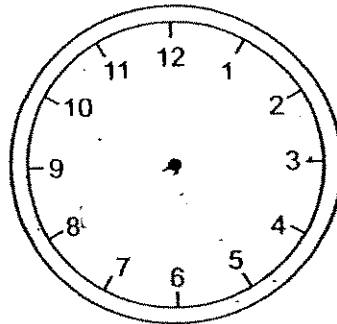
34. What is the most number of 4-cm squares that can be cut from the rectangle below?

16 cm

10 cm

11
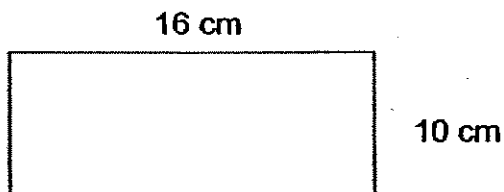
35.   Arrange the following fractions beginning with the greatest.

$$\frac{4}{8}, \quad \frac{4}{6}, \quad \frac{4}{7}$$

36.   Mrs Tan cut her cake into 15 equal pieces. At the end of the party, 3 pieces of cake were left. What fraction of the cake was left? (Give your answer in the simplest form)

37.   The cake below was cut into 12 equal slices. Ahmad ate $\frac{2}{3}$ of the cake. Shade to show the number of slices eaten by Ahmad.
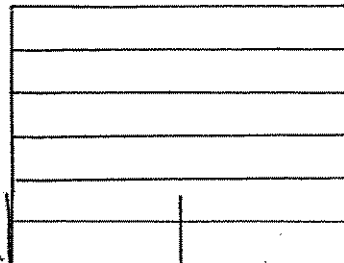
38.   The area of a rectangular field is 126 m². If the breadth of the field is 7 m, what is the length of the field?

m

12

39. Look at the figure below and name the pair of perpendicular lines.
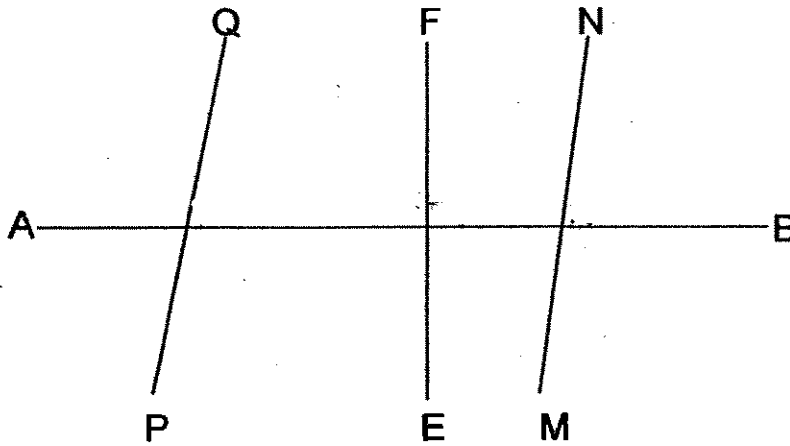
40. In the grid below, draw a line CD parallel to line AB.

13
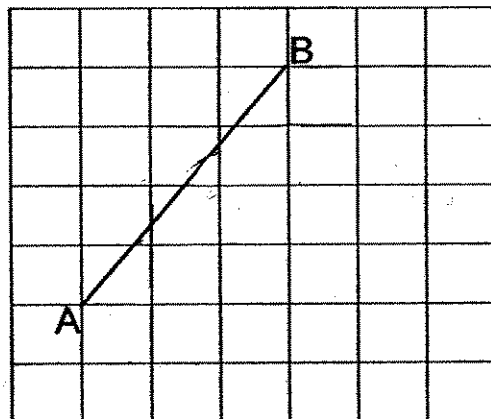
Section C (5 x 4 marks)
Solve the following problems. Show all your workings clearly,

41.   Mr Lim had $1 000. He bought a sofa set for $399 and a
      television for $240. How much would he have left?

42.   210 children were grouped equally into 3 teams. There were 4
      times as many girls as boys in each team.
      a) How many children were there in each team?
      b) How many boys were there in each team?

14

43. Mrs Raju had 1 m of cloth. She used $\frac{1}{2}$ m to make a pillow

case and $\frac{3}{10}$ m to make a dress for her daughter's Barbie doll.

What was the length of the cloth left? Give your answer in its

simplest form.

44. The figure below is made up of 3 similar rectangles.
     a) What is the total shaded area ?
     b) What is the perimeter of the shaded figure?
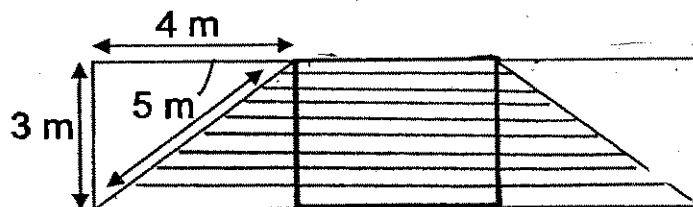
45. At 2.30 p.m., Ali and his brother, Ahmad began working on their jig-saw puzzles. Ali took 1 h 45 min to complete his puzzle while his brother took 100 minutes.
   a) Who completed his puzzle first?
   b) What was the difference in the time taken?
   c) At what time did Ali complete his puzzle?

End of Paper
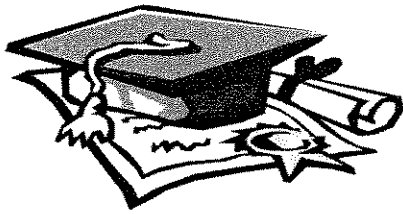
ANSWER SHEET

M G S PRIMARY SCHOOL   - PRIMARY 3 MATHEMATTICS   2007
SEMESTRAL ASSESSMENT (2)

1. 2	31) 6
2. 1	32) 7.45pm
3. 2	33)
4. 4	
5. 4	
6. 3	
7. 4	
8. 2	
9. 2	34) 84cm squares
10. 3	35) 4/6, 4/7, 4/8
11. 3	36) 1/5
12. 1	37)
13. 3	
14. 3	
15. 3	
16. 2	
17. 1	38) 18m
18. 4	39) FE⊥AB
19. 4	40)
20. 1	
21. 26	
22. 45bags	
23. 10 marbles	
24. 36	
25. 4,5	
26. 3	
27. 1890m	
28. 13cm	
29. 1kg 200g	
30. 1800ml	
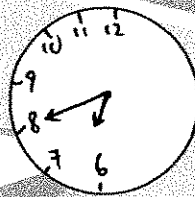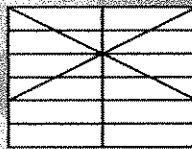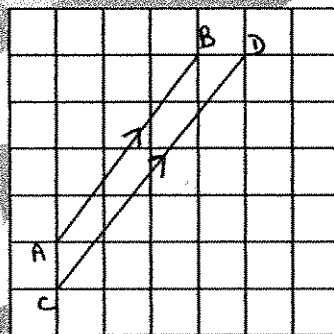
41) $240+$399=$639
    The television and sofa was $639
    $1000-$639=$361
    Mr Lim would have $361 left.

42) a) 210÷3=70
       There were 70 children in each team.
    b) G [ ][ ][ ][ ]

       B [ ]

    70÷5=14
    There were 14 boys in each team.

43) 1-5/10-3/10=2/10
    2/10=1/5
    The length of cloth was left was 1/5m

44) a) 8mx3m=24m2
       The total area the shaded part in 24m2
    b) 4m+5m+4m+4m+4m+5m=26m
    The perimeter of the shaded part is 26m

45) a) 100min=1h 40min
       Ahmad completed the puzzle first
    b) 1h 45min-1h 40min=5min
       The difference in the time taken is 5min
    c)
                1h   30min   15min
        |‾‾‾‾‾‾‾|‾‾‾‾‾‾‾|‾‾‾‾‾‾‾|‾‾‾‾‾‾‾‾‾‾‾|
       2.30   3.30   4.00   4.15

    Ali completed his puzzle at 4.15p.m.

RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2 2007

Your Score Out of **100** marks			
		Class	Level
Highest score			
Average score			
Parent's Signature			

Name : _____ (   ) Class: P3___

---

24 Oct 2007 MATHEMATICS   Att: 1 h 45 min

SECTION A (40 marks)

Question 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Write your answer (1, 2, 3 or 4) in the brackets provided.

---

1. Study the number pattern below.
    What is the missing number in the box?

    6599, | ? |,   6799,   6899

    (1) 6499
    (2) 6589
    (3) 6609
    (4) 6699   (   )

2. The sum of 1654 and 323 is _____.

    (1) 1331
    (2) 1977
    (3) 1986
    (4) 4884   (   )

3. Express 4 metres and 4 centimetres in centimetres.

    (1) 44
    (2) 404
    (3) 440
    (4) 4400   (   )

4. The diagram below shows a box on a weighing scale.
    What is the mass of the box in grams?
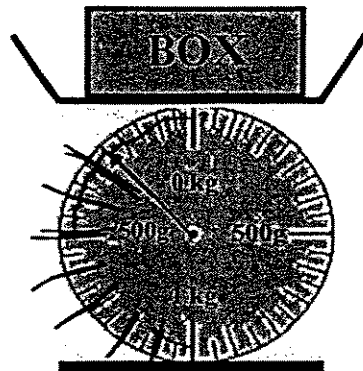
    (1) 250 g
    (2) 750 g
    (3) 1 250 g
    (4) 1 750 g   (   )

5. A container has a capacity of 2 litres.
    1*l* 50 *ml* of water is poured into it.
    How much **more** water must be added to fill the container
    completely?

    (1)   500 *ml*
    (2)   950 *ml*
    (3) 3 500 *ml*
    (4) 3 050 *ml*   (   )

6. What is the total amount of money shown below?
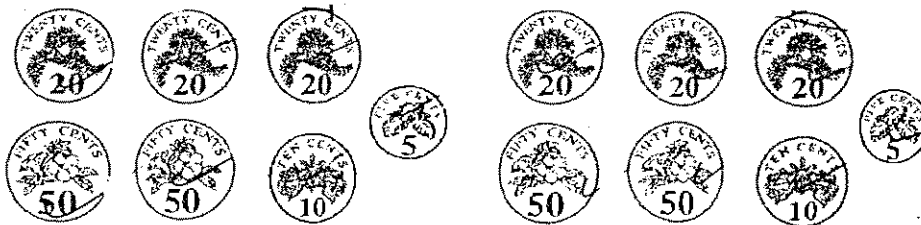
    (1) $1.75
    (2) $2.50
    (3) $3.50
    (4) $4.25

7. How many quarters are there in 7 wholes?

(1) 26
(2) 28
(3) 30
(4) 35   (   )

8. Which of the following marked angles is equal to 3 right angles?

(   )
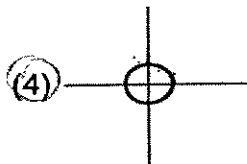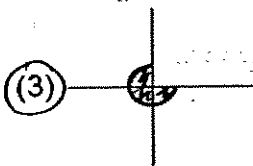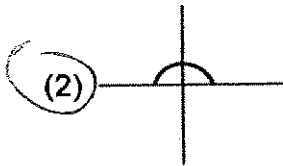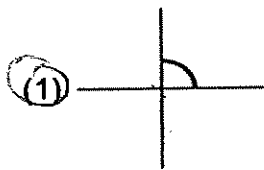
9. 4 h 5 min = _____ min

(1) 45
(2) 245
(3) 405
(4) 450   (   )

Page 3 of 17

10. The figure below is made up of identical squares.
    What is the perimeter of the figure?
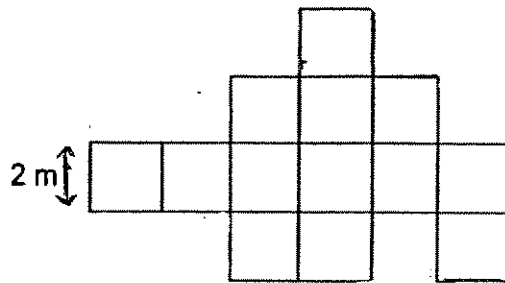
(1) 22 m

(2) 26 m

(3) 44 m

(4) 52 m.   (   )

11. Hassan had some marbles at first.
    He bought another 60 marbles and had thrice as many marbles as
    he had at first.
    How many marbles has he at first?

    (1) 30 + 60 = 90..

    (2) 60

    (3) 90

    (4) 120   (   )

12. How many 8 grams made up 880 g?

    (1) 10

    (2) 11

    (3) 100

    (4) 110   (   )

13. Ashley bought a dress for $52.50 and a scarf for $20.
    She gave the cashier $100, how much change would she receive?

    (1) $27.50

    (2) $32.50

    (3) $47.50

    (4) $72.50   (   )

Page 4 of 17

14. 205 people did a survey on the favourite local food they liked.
The graph below showed the result of the survey.

Favourite Local Food

Types of Local Food
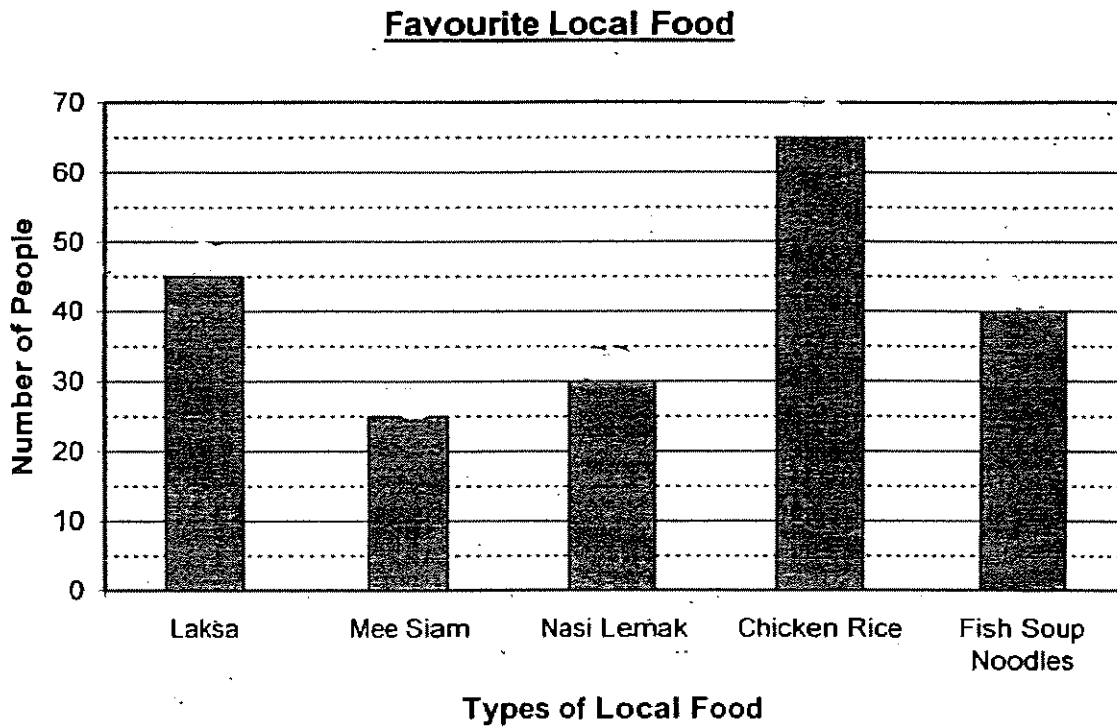
How many **more** people liked Fish Soup Noodles than Mee Siam?

(1) 10
(2) 15
(3) 20
(4) 25   (   )

15. Given that:

$$\frac{6}{\heartsuit} = \frac{9}{12}$$

What number does the symbol "♥" represent?

(1) 8
(2) 9
(3) 10
(4) 15   (   )

Page 5 of 17

16. The clock below shows the time now.
    Half an hour ago, the time was _____.
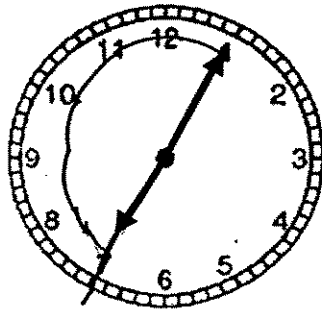
(1) 5 min to one
(2) 5 min past one
(3) 25 min to seven
(4) 25 min past seven   ( )

17. In the diagrams below, Figure A and Figure B are made up of similar squares.
    How many more squares must be shaded in Figure B so that both figures have the same area?
    shaded
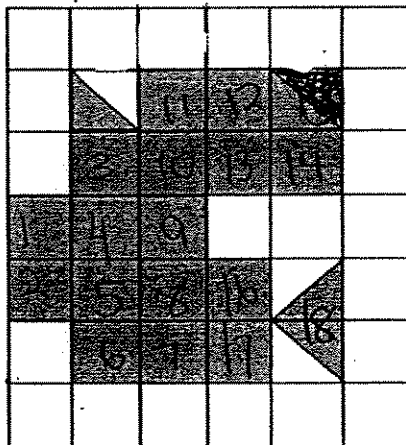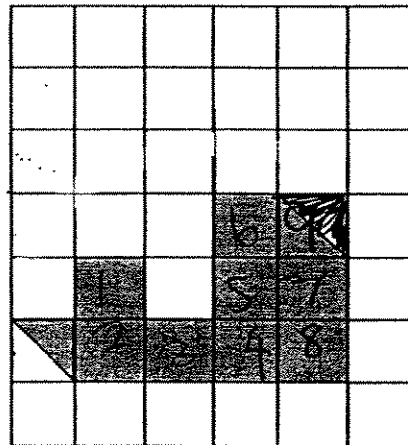
Figure A   **Figure B**

(1) 9
(2) 10
(3) 18
(4) 20   ( )

18. When 503 ÷ 4, the quotient is _____.

(1) 3

(2) 13

(3) 125

(4) 126   (   )

19. Jane started her piano lesson at 3.05 p.m..
    However, the lesson lasted 30 minutes longer than usual and ended
    at 5.15 p.m..
    What was the usual duration of the piano lesson?

(1) 1 h 30 min

(2) 1 h 40 min

(3) 2 h 10 min

(4) 2 h 40 min   (   )

20. The figure below is made up of 5 identical rectangles.
    Find the perimeter of the figure.

45 cm
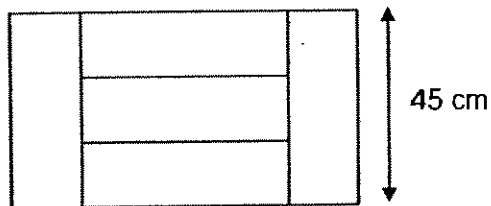
(1) 180 cm

(2) 210 cm

(3) 225 cm

(4) 240 cm   (   )

End of Section A

SECTION B (40 marks)

Question 21 to 40 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

21. In the number 8 461, the digit _____ is in the hundreds place.

    Ans: _____

22. Find the difference between 753 and 303.

    Ans: _____

23. The product of 549 and 6 is _____

    Ans: _____

24. Arrange the following fractions beginning with the largest.

    $$\frac{1}{5} \quad \frac{7}{8} \quad \frac{1}{4} \quad \frac{1}{2}$$

    Ans: _____, _____, _____, _____
           largest

25. Which **two** points (A, B, C and D) will form a right angle when joined to point X?

    C
    •

    B   D
    A   •   •
    •

    _____•_____
                     X
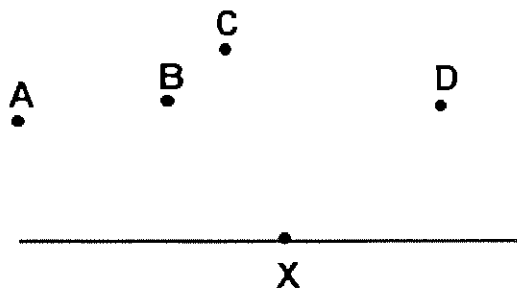
    Ans: Point _____ and Point _____

26. A group of pupils were asked to choose a sport for their CCA.
    The graph below showed the result of the selection.
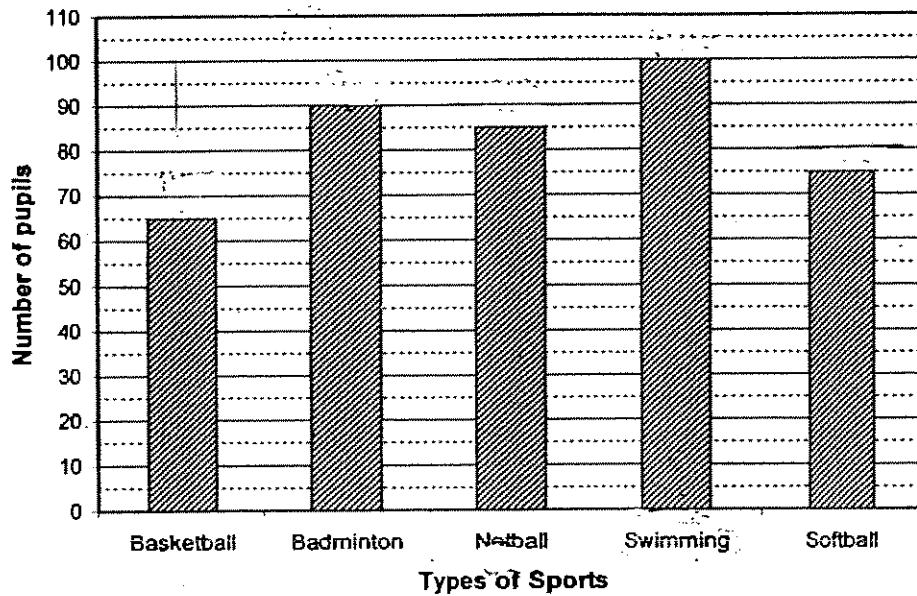
(a) Which sport was the most popular choice?

Ans: (a) _____

(b) How many pupils chose basketball and netball as their CCA?

Ans: (b) _____

27. Express 3 010 *ml* in litres and millilitres.

Ans: _____ *l* _____ *ml*

28. The sum of $3.55 and $81.65 is _____.

Ans: $_____

29. Given that:

$$\triangle + \text{☀} = 110$$

$$\triangle + \text{☀} + \text{☀} = 200$$

Find the value of $\triangle$ and ☀.

Ans: $\triangle$ = _____

☀ = _____

30. Find the value of 85 hundreds + 2 tens + 4 ones.

Ans: _____

31. The diagram below shows a swimming pool

C ✗- ➤✗ D
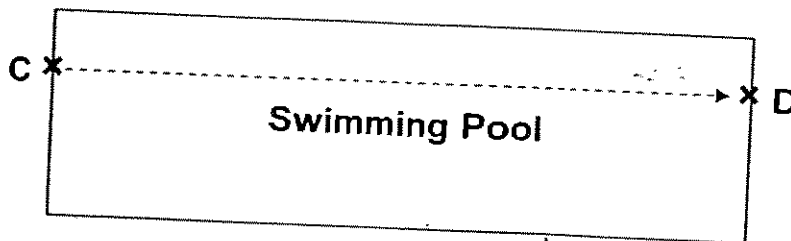
Swimming Pool

Swimming a lap from point C to point D is 50 m.
How many laps must Meiling swim in order to complete 450 m?

Ans: _____

Page 10 of 17

32. Mary cut a pizza into 6 equal slices and ate 2 slices.
When her brother came home, she cut the remaining pizza into 8 equal pieces
and gave him 1 piece.
What **fraction** of the pizza was left?

Ans: _____

33. A group of children were asked to choose their favourite fruits.
The total number of children who liked oranges, banana, grapes and
strawberry were thrice as many as the number of children who liked apples.

Complete the graph below by drawing the bar that represents the number of
children who liked apples.

Favourite Fruits

Types of fruits
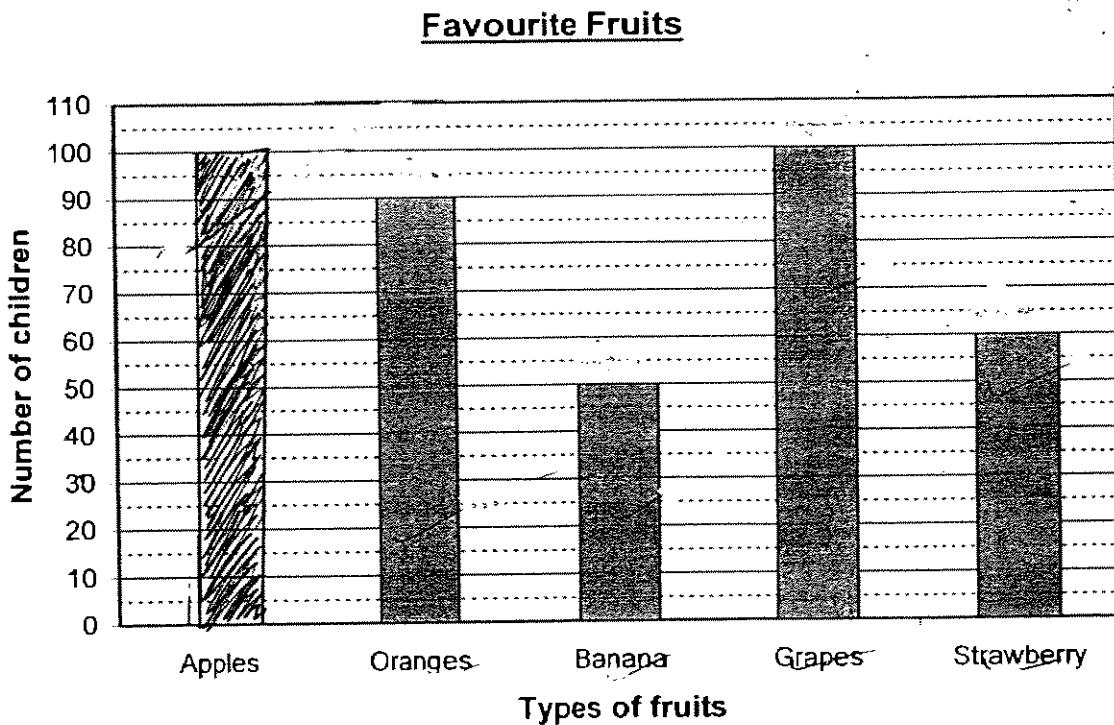
34. The figure below is made up of 8 identical rectangles. What fraction of the figure is shaded?
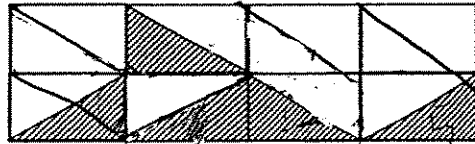
Ans: _____

35. How many right angles are there **in** the figure below?
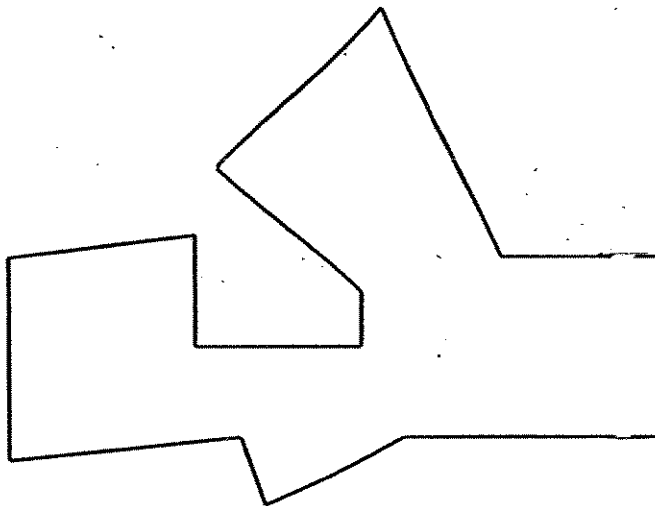
Ans: _____

36. Study the number pattern below carefully. What is the value of "S" and "T"?

Ans: S = _____

T = _____

37. In the diagram below, ABCD is a rectangle.
Line PQ is parallel to line RS.
Given that PR = 1 m, find the **unshaded** area of the rectangle.
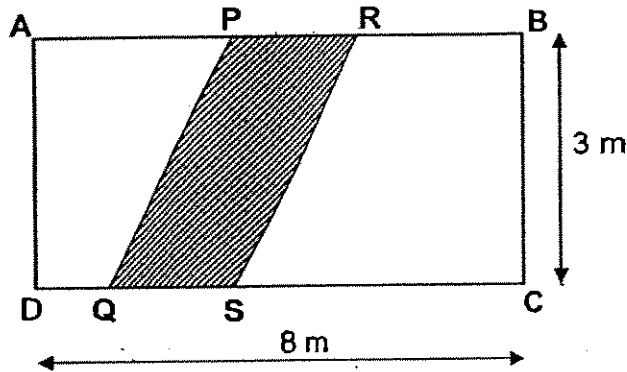
Ans: _____ m²

38. Mrs Tan baked 560 cookies.
She packed the cookies into packets of 8.
How many packets of cookies would she have?

Ans: _____

39. An eraser, a mechanical pencil and 2 pens cost $9.
A mechanical pencil and a pen cost $6, while an eraser cost $0.50.
What is the cost of a pen?

Ans: $_____

40. Jenny painted $\frac{3}{5}$ of the stick in red and $\frac{1}{10}$ of it in white.
What fraction of the stick was **not** painted?

Ans: _____

End of Section B
Page 13 of 17

SECTION C (20 marks)

For question 41 to 46, show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

41. Ali walked from his house to the library and then to the shopping mall for lunch. After his lunch, he walked home using the same route.

     What was the total distance he had travelled? (Express your answer in metres)

Ali's house — 1 km 50 m — Library — 950 m — Shopping Mall
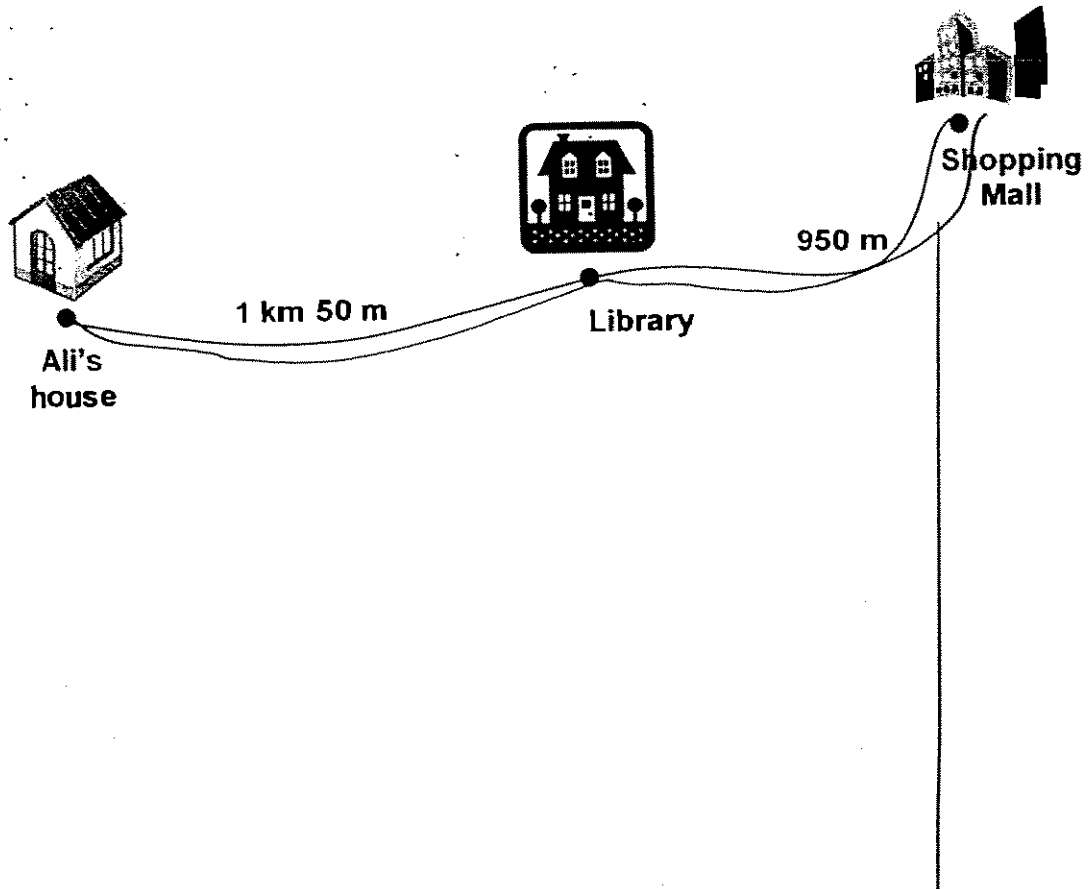
Ans: _____ [3]

42. Jun Wen and Tanya started to do their English homework at 3.50 p.m.

Jun Wen took 1 h 25 min to complete her work.

Tanya completed hers 35 min earlier than Jun Wen.

What time did Tanya complete her English homework?

Ans: _____ [3]

43. The diagrams below show a square and a rectangle.

The perimeter of the rectangle is twice that of the square.

Find the perimeter of the rectangle.

| Area 49 cm^2 | |
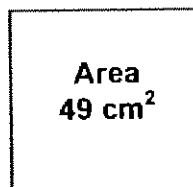
Ans: _____ [3]

44. During a charity funfair, Susan, Mary and Alice sold 540 stickers altogether. Susan sold 3 times as many stickers as Mary while Mary sold twice as many stickers as Alice.

How many **more** stickers did Susan sell than Alice?

45. The diagram below shows the mass of 2 similar containers with identical marbles in it.
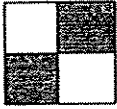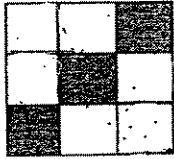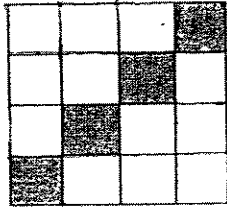
a) Find the mass of one marble.

b) Find the mass of the <u>empty</u> container.

1400 g   2000 g
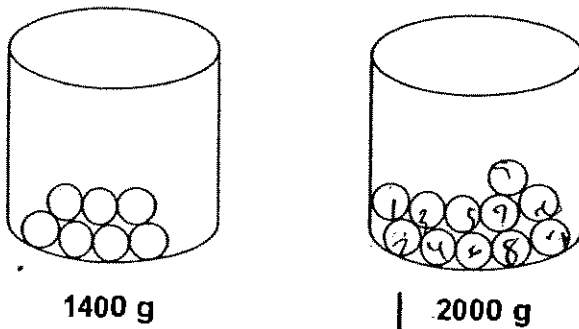
Ans: (a) _____ [2]

Ans: (b) _____ [2]

46. Amy used identical squares to form the pattern below.

Pattern 1	
Pattern 2	
Pattern 3	
Pattern 4	

(a) How many squares would she use to form pattern 5?

(b) How many squares would she use to form pattern 7?

(c) How many **unshaded** squares would she use to form pattern 9?

Ans: (a) _____[1]

(b) _____[1]

(c) _____ [2]

-End of Paper-
Please check your work carefully ☺

Setters: Mr Johnson Ong, Ms Leong Oon Ho, Mrs Clara Chin
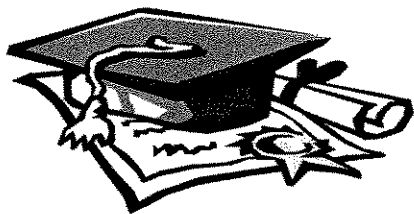
ANSWER SHEET

RAFFLES GIRLS PRIMARY SCHOOL　 - PRIMARY 3 MATHEMATICS　 2007
SEMESTRAL ASSESSMENT (2)

1. 4
2. 2
3. 2
4. 4
5. 2
6. 3
7. 2
8. 3
9. 2
10. 3
11. 1
12. 4
13. 1
14. 2
15. 1
16. 3
17. 1
18. 3
19. 2
20. 4
21. 4
22. 450
23. 3294
24. 7/8,1/2,1/4,1/5
25. B ,D
26. a)Swimming b)150
27. 3L10ml
28. $85.20
29. △=20 　☼ =90
30. 8524

31) 9 laps
32) 7/12
33)

34) 5/16
35) 2
36) S=3　　T=1
37) 21m2
38) 70
39) $2.50
40) 3/10

41) 1km 50m=1050m
    1050m+950m=2000m
    2000m+2000=4000m
    The total distance he traveled is 4000m.

42) Jun Wen=

Tanya=
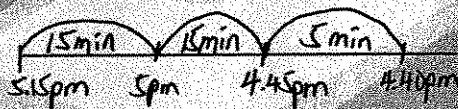
Tanya completed her English homework at 4.40pm.

43) [7] x [7] =49cm2

    ? [ ] =7cm
    Perimeter=7x4=28cm
    Rectangle=28x2=56cm
    The perimeter of the Rectangle is 56cm.

44) 9units=540
    1unit=540÷9=60
    A=60
    S=60x6=360
      360-60=300
    Susan sold 300 stickers mo9re than Alice.

45) a) 7=1400g
       11=2000g
        4=2000-1400=600g
       1=600÷4=150
    The mass of one marble is 150g.
    b) 7=150x7=1050

    [ ]=1400-1050=350g
    The mass of the empty container is 350g.

46) a) 25
    b) 49
    c) 72

Tao Nan School
Primary 3 End-of-Year Mathematics Examination 2007

Name: _____ (   ) Date: 26 October 2007

Class: Primary 3 (   )   Time: 8.00 a.m. – 9.30 a.m.

Parent's Signature: _____   Marks: _____ / 80

Section A (20 marks)

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3, or 4). Shade the correct oval on the Optical Answer Sheet (OAS).

1.   The difference between 5821 and 1738 is _____.

   1)   7559
   2)   6559
   3)   4083
   4)   4117

2.   79 m 6 cm = _____ cm

   1)   79006
   2)   7960
   3)   7906
   4)   796

3.   Express 3 km 20 m in metres.

   1)   302 m
   2)   320 m
   3)   3020 m
   4)   3200 m

1

4. In 4209, the digit 0 is in the _____ place.

    1) ones
    2) tens
    3) hundreds
    4) thousands

5. What fraction of the figure is shaded?
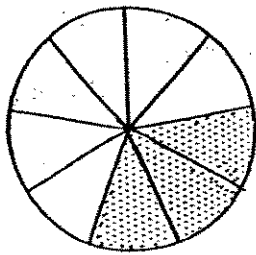
    1) $\dfrac{1}{3}$

    2) $\dfrac{2}{3}$

    3) $\dfrac{3}{7}$

    4) $\dfrac{3}{10}$

6. Mary and Tina weigh 80 kg. Tina weighs 4 kg less than Mary. What is Tina's mass?

    1) 38 kg
    2) 40 kg
    3) 42 kg
    4) 76 kg

2

7.   How many minutes are there from 8.20 p.m. to 9.05 p.m.?

    1)   15 minutes
    2)   25 minutes
    3)   40 minutes
    4)   45 minutes

8. $\dfrac{2}{12}$ is equivalent to _____.

    1) $\dfrac{1}{6}$

    2) $\dfrac{2}{6}$

    3) $\dfrac{3}{6}$

    4) $\dfrac{4}{6}$

9.   _____ ÷ 5 = 71R2

    1)   353
    2)   355
    3)   357
    4)   365

3

10.   What is the area of the shape in square units?

1 unit

1 unit
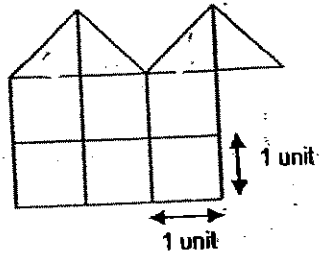
1)   6 square units
2)   7 square units
3)   8 square units
4)   10 square units

11.   What is the total amount of water in the cylinders?

1)   1400 ㎖
2)   1450 ㎖
3)   1600 ㎖
4)   1650 ㎖

4
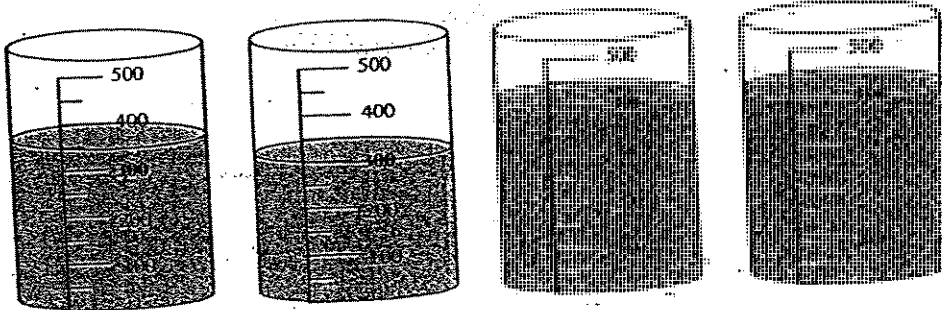
12. The figure below has _____ angle(s) that is/are more than 90°.
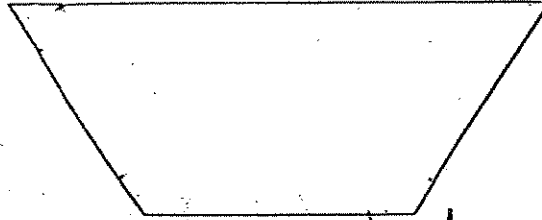
1) 1
2) 2
3) 3
4) 4

13. Ann has 4 times as much money as Betty. If Ann has $120, how much money do they have altogether?

1) $30
2) $150
3) $480
4) $600

14. May takes 10 minutes to fold a paper frog. She needs to fold 4 of them. If she starts at 2.30 p.m., at what time will she complete folding all 4 paper frogs?

1) 2.40 p.m.
2) 2.50 p.m.
3) 3.00 p.m.
4) 3.10 p.m.

5

15. The bar graph shows the Science test marks of 7 children. The pass mark for the test is 45. How many children passed the test?

1)   6
2)   5
3)   3
4)   4

6

Name: _____ (   )

Class: Pr 3(   )

20
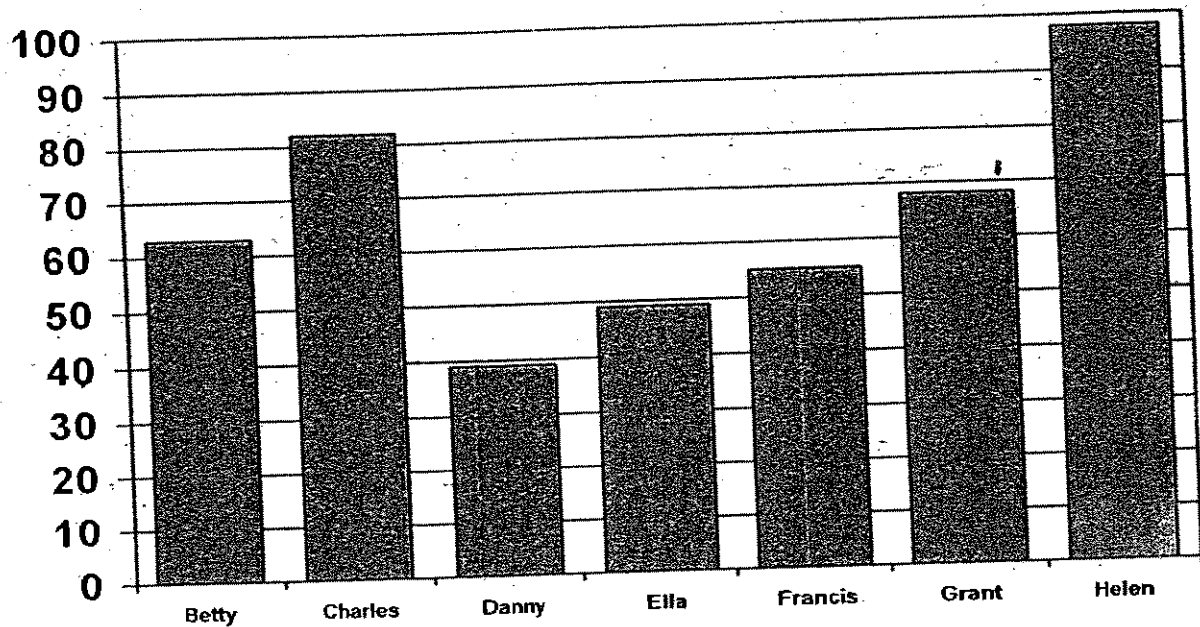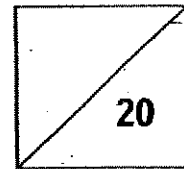
Section B (20 marks)
Each question carries 1 mark. Write your answers in the boxes provided.

16. Write 2 hundreds 10 tens 5 ones in numbers.

Ans: [   ]

17. What is the **smallest 3-digit even number** that can be formed from the digits 2, 4 and 7?

Ans: [   ]

18. What is the **remainder** of 79 ÷ 7 ?

Ans: [   ]

7

19. How many right angles are there **inside** the figure shown below?
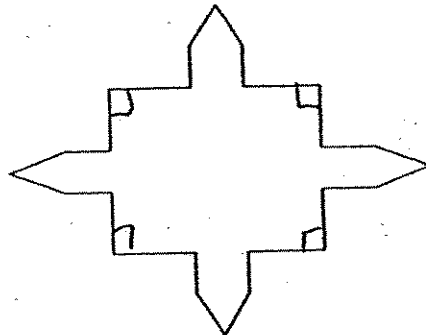
Ans: [　　　　　]

20. What is the height of the bookshelf?
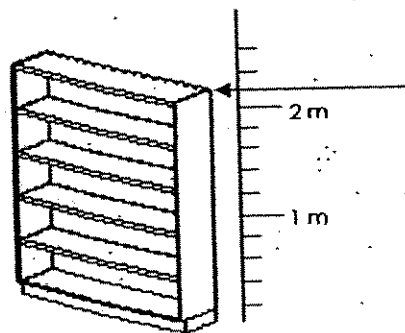
Ans: [　　　　　cm]

21. The library is open from 9.15 a.m. to 9.30 p.m.
How long is it open each day?
Give your answer in **hours** and **minutes**.

Ans: [　　　　　min]

8

22. The time shown on the clock is about a quarter to _____.
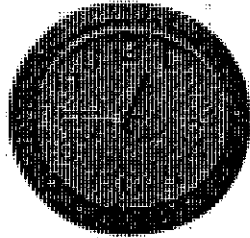
Ans: [   ]

23. Arrange the following in **ascending** order.

$$\frac{3}{4}, \frac{1}{6}, \frac{2}{3}$$

Ans: [   ]

24. The figure, not drawn to scale, is made up of a square and a rectangle. Find the area.

6 cm   7   7 cm

12 cm

Ans: [cm²]

9
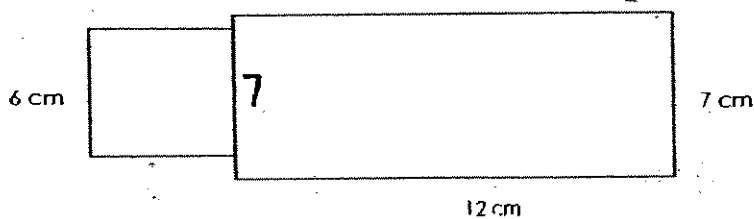
25.   3 h 25 min = _____ min

Ans: [min]

26.   The mass of 8 similar boxes is 12 kg. What is the mass of 4 such boxes?

12 kg
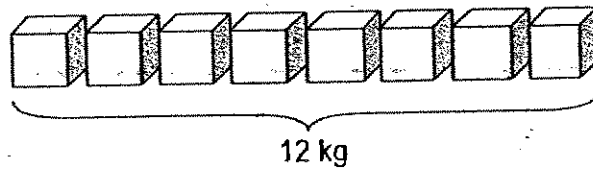
Ans: [kg]

27.   Halim wants to shade $\frac{3}{5}$ of the figure. How many more parts must he shade?

Ans: [   ]

10

28.   If   ❋ x ⊘ = 54

and   ⊘ x ⊘ = 36

then ❋ x ❋ = [?]
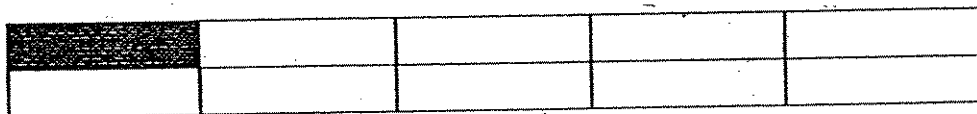
The missing number is _____.

Ans: [   ]

29.   Jack watched a TV programme at 4.15 p.m. The programme lasted 1h 45min.
       At what time did it end ?

[4.15 p.m.] —— 1h 45min later ——▶ ?
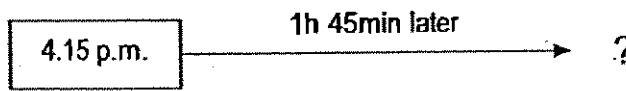
Ans: [p.m.]

30.   Mrs Mohan drove from the supermarket to the library and then to the bank.
       What is the total distance travelled ?

[Supermarket] —— 8 km 30 m —— [Library]

2 070 m

[Bank]

Ans: [km   m]

11
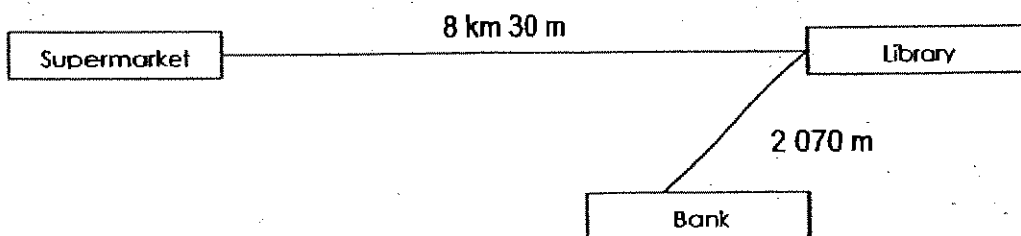
The bar graph below shows the number of goldfish sold by Ramu in the last 5 months. Use the graph to answer **questions 31 and 32**.
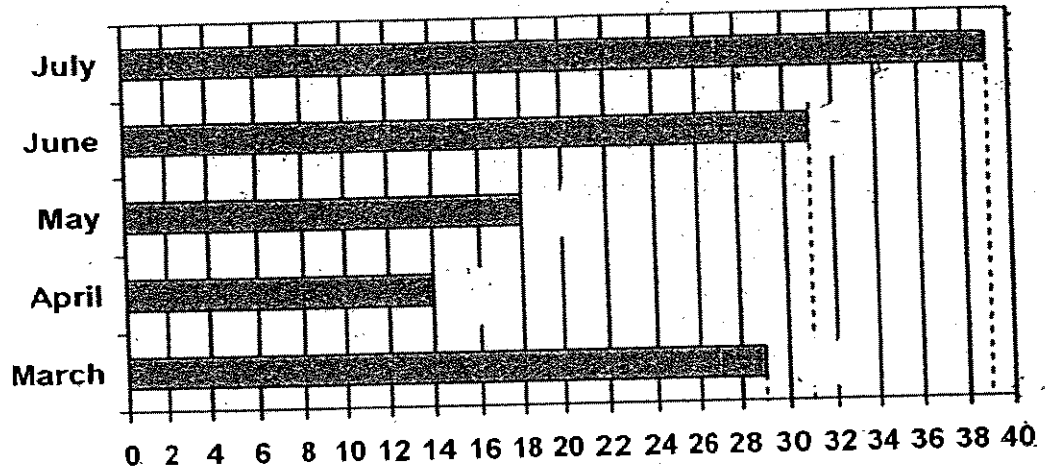
31. Ramu sold the least number of goldfish in the month of _____.

Ans: [   ]

32. Ramu sold _____ more goldfish in March and May than in July.

Ans: [   ]

33. A 3-cm square has a perimeter of _____cm.

Ans: [   ]

12
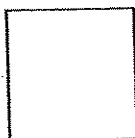
34. Jaya wants to buy 10 oranges from the supermarket. What is the minimum amount of money needed to pay for the oranges ?

Oranges
3 for $2
1 for 90¢

Ans: $ [   ]

35. How many pair(s) of parallel lines are there in the figure below.

Ans: [   ]

13

Name: _____ (   )

Class: Pr 3(   )

⬛ / 40
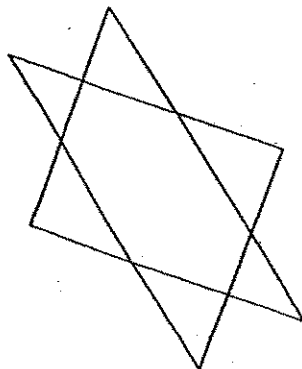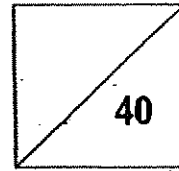
Section C (40 marks)

For each of the following problems, show all your working clearly and write your answers in the spaces provided.

36. Lily saved $180 in March. She saved $40 more in April. How much money did she save in the two months?

Answer : _____

37. Mrs Phan bought 28 m of ribbon. She used $\frac{1}{4}$ of it to tie a present. How many metres of ribbon had she left?

28m

Answer : _____

14

38.   A container has 800 ml of water. When 900 ml of water is added, 350 ml of water overflowed. What is the capacity of the container?

Answer : _____

39.   A, B and C are containers. A can hold twice as much water as B.
B can hold four times as much water as C.
If the capacity of B is 44ℓ, find the total capacity of A and C.

Answer : _____

15

40. Kim went shopping and bought some items.
     She paid the cashier $100 and received a change of $13.50.
     She accidentally tore the receipt below.
     How much did the dress cost?

Girl's Paradise
Receipt No. 26159

Necklace $12.80

Shoes $34.20

Dress $3

Total

Answer : _____

41. Some trees are planted at equal distance from each other.
     The distance between the 2nd tree and the 5th tree is 12 m.
     Find the distance between the 1st and 6th tree?

1st 6th
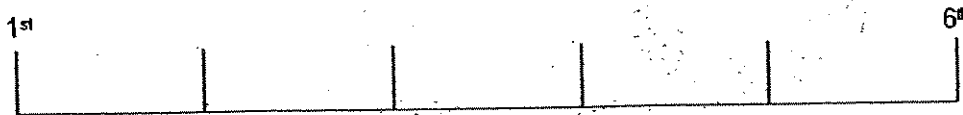
Answer: _____

42. Audrey had some stamps. Rachel had 90 more stamps than Audrey. When all the stamps were shared equally between them, each of them got 190 stamps. How many stamps did Audrey have at first?

Answer: _____

43. Study the figure below. The total distance between A and C is 194 km. How much nearer is B to C than B to A?

Answer: _____

18
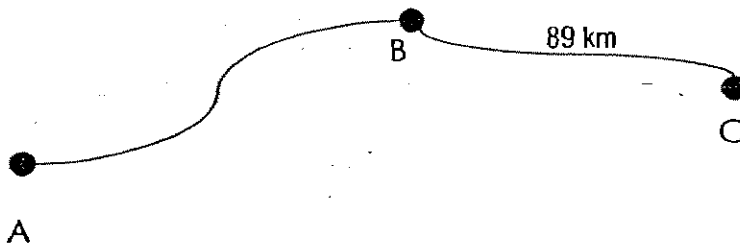
44.   When three girls stood on a weighing scale together, it read 104 kg.
       One of the girls stepped off and the scale moved down to 74 kg.
       Another girl jumped off and the scale showed 35 kg.
       What was the mass of the heaviest girl?

Answer: _____

45.   The figure below is made up of 4 identical rectangles.
       Find the area of one of the rectangles.

12 cm

36 cm

Answer: _____

End-of-Paper

19

ANSWER SHEET

TAO NAN PRIMARY SCHOOL – PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (2)

1. 3
2. 3
3. 3
4. 2
5. 1
6. 1
7. 4
8. 1
9. 3
10. 3
11. 2
12. 2
13. 2
14. 4
15. 1
16. 305
17. 274
18. 2
19. 4
20. 220cm
21. 12h 15min
22. 1
23. 1/6, 2/3, 3/4
24. 120cm2
25. 205min
26. 6kg
27. 5
28. 81
29. 6.00p.m.
30. 10km 100m

31) April
32) 8
33) 12cm
34) $6.90
35) 3
36) $180+$40=$220
    $180+$220=$400
    She saved $400 in both months

37) 28÷4=7
    7x3=21
    She had 21m at ribbon left.

38) 800+900=1700
    1700-350=1350
    The capacity of the container
    in 1350ml

39) 44x2=88
    44÷4=11
    88+11=99
    The total capacity of A and C
    is 99ℓ

40) 10000-1350=8650
    1280+3420=4700
    8650-4700=3950
    The dross cost $39.50

41) $12 \div 3 = 4$
$4 \times 5 = 20$
The distance between the 1st and 6th tree is 20m.

42) $190 \times 2 = 380$
$380 - 90 = 290$
$290 \div 2 = 145$
Audrey had 145 stamps at first.

43) $194 - 89 = 105$
$105 - 89 = 16$
B to C is 16km nearer than B to A.

44) $104 - 74 = 30$
$30 + 35 = 65$
$104 - 65 = 34$
The mass of the heaviest girl is 39kg.

45) $36 \div 3 = 12$
$12 \div 2 = 6$
$12 \times 6 = 72$
The area of one of the rectangles is 72cm2

Name :_____ (   )

Class : Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL

Primary 3

Second Semestral Assessment – 2007

Mathematics
Booklet A

11 October 2007

Score :

~~100~~ 4C

Parent's signature : _____

Duration of Paper : 1 h 45 min

Do not open the booklet until you are told to do so
Follow all instructions carefully

SECTION A: (20 X 2 marks)
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4).
Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1.   3000 + 3 + 40 = _____

(1)   3034   (2)   3043
(3)   3340   (4)   3403

2.   9 thousands 5 ones written in figures is _____.

(1)   5009   (2)   5090
(3)   9005   (4)   9500

3.   In the number 8157, the digit 1 is in the_____ place.

(1)   ones   (2)   tens
(3)   hundreds   (4)   thousands

4.   Find the sum of 685 and 2469.

(1)   1784   (2)   1884
(3)   3144   (4)   3154

5.   ☐ + ◯ = 11

      ☐ + ◯ + ◯ = 18

      ◯ + △ = 12

      △ + ☐ = _____

      Find the missing value.

(1)   9   (2)   17
(3)   19   (4)   31

6. After selling 635 markers and buying 708 markers, a shopkeeper had a total of 1234 markers. How many markers did he have at first?

(1) 1577   (2) 1307
(3) 1234   (4) 1161

7. Divide 715 by 7

(1) 10 R1   (2) 12 R1
(3) 102 R1   (4) 120 R1

8. The difference in the values of 6 and 7 in the number 6173 is

(1) 5370   (2) 5930
(3) 6007   (4) 6070

9. How many numbers between 31 and 50 can be divided by 6 exactly?

(1) 3   (2) 4
(3) 6   (4) 10

10. Multiply 248 by 9. The answer is _____.

(1) 2062   (2) 2177
(3) 2232   (4) 2332

11. The capacity of a jar is 1500mℓ. It is 4 times the capacity of a mug.
     Susan poured 3 mugs of juice into an empty beaker.
     How much juice is there in the beaker?

(1) 180 mℓ (2) 750 mℓ

(3) 1ℓ 125 mℓ (4) 4ℓ 500 mℓ

12. Which one of the following fractions is greater than $\frac{3}{5}$?

(1) $\frac{1}{2}$ (2) $\frac{10}{15}$

(3) $\frac{4}{10}$ (4) $\frac{11}{20}$

13. Find the sum of $\frac{1}{3}$ and $\frac{7}{12}$

(1) $\frac{3}{4}$ (2) $\frac{8}{15}$

(3) $\frac{5}{9}$ (4) $\frac{11}{12}$

14. Nathan jogs round a 400 m track 3 times a day.
     What is the distance he jogs a day?

(1) 1200 km   (2) 1 km 33 m
(3) 1 km 200 m   (4) 11 km 33 m

15. Which one of the fractions is equivalent to $\frac{2}{3}$?

(1) $\frac{2}{6}$ (2) $\frac{8}{12}$

(3) $\frac{6}{8}$ (4) $\frac{8}{16}$

16.   The graph below shows the number of cakes 5 shops sold.
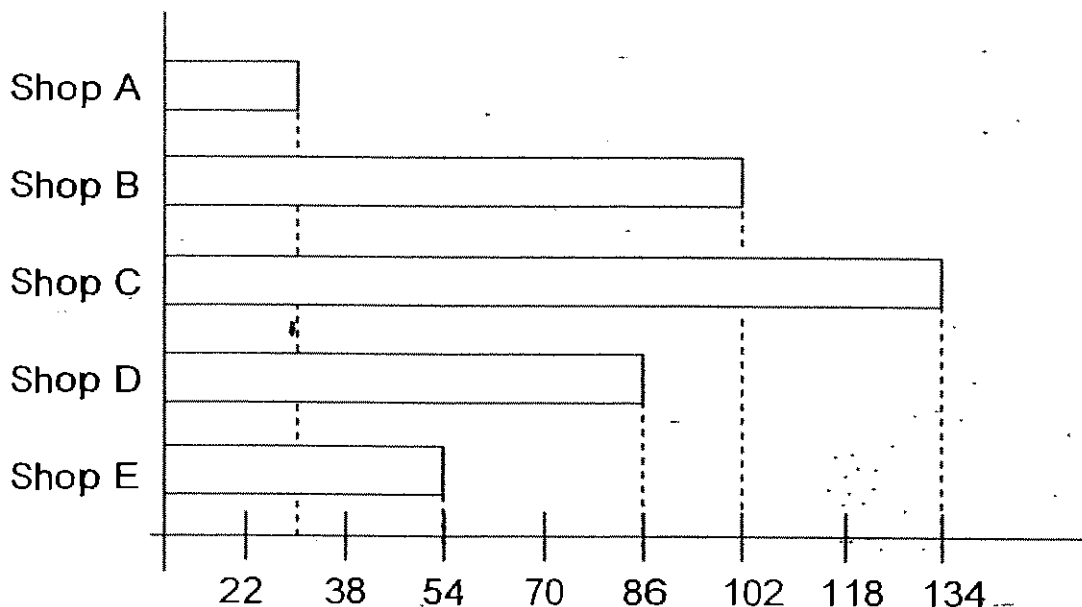
Which 2 shops sold a total of 116 cakes?

(1)   Shop D and E   (2)   Shop A and B

(3)   Shop A and D   (4)   Shop B and E

17.   Find the perimeter of the figure below.
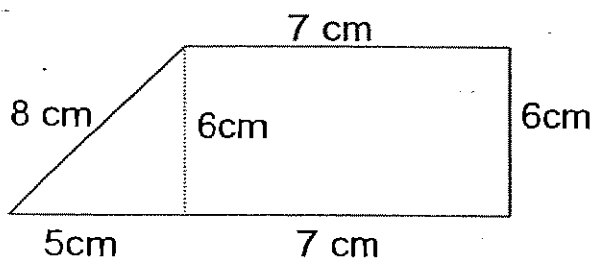
(1)   26 cm   (2)   28 cm
(3)   33 cm   (4)   39 cm

18.   Which one of the following is the heaviest?

(1)   4 kg 3 g   (2)   4 kg 30 g
(3)   4 kg 33 g   (4)   4 kg 303 g

19. Jay has 3 times as much money as Morgan. Jay has $64 more than
    Morgan. How much money do they have altogether?

    (1) $32   (2) $48
    (3) $96   (4) $128

20. Sandy started doing her homework at 2.40p.m. and
    Alison started doing hers at 2.55 p.m.
    Alison took 10 min less than Sandy to complete her homework.
    If Sandy finished her homework at 5.05 p.m., at what time did
    Alison finish hers?

    (1)   5.10 p.m.   (2)   5.15 p.m.

    (3)   5.20 p.m.   (4)   5.30 p.m.

Name : _____ (　　)

Class : Primary 3_____

CHIJ ST NICHOLAS GIRLS' SCHOOL
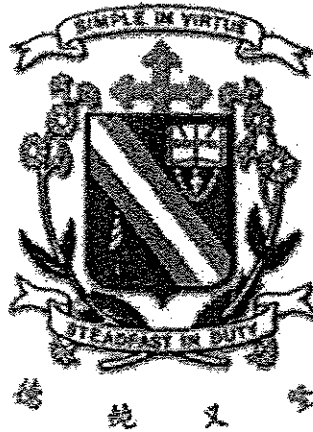
Primary 3

Second Semestral Assessment – 2007

Mathematics
Booklet B

11 October 2007

Score :

100

Parent's signature : _____

Duration of Paper : 1 h 45 min

Do not open the booklet until you are told to do so
Follow all instructions carefully.

SECTION B: (20 x 2 marks)

Write your answers in the blanks provided.
Show all your mathematical working clearly in the space provided.

21. What is the total number of fifty-cent coins that can be exchanged for 25 twenty-cent coins?

Ans: _____

22. $9 \times 9 = \boxed{} \times 9 + 4 \times 9$

The missing number in the box is _____.

Ans: _____

23. Elyssa has 7 times as many beads as Elicia.
If the 2 girls have 984 beads altogether, how many more beads does Elyssa have than Elicia?

Ans: _____

24. 284 boys and 418 girls are divided into groups of 9.
How many groups were there altogether?

Ans: _____

25.   Faith took 1 h 30 min to complete her school work.
       She finished at 2.15 p.m.
       At what time did she start doing it?

                                        Ans: _____p.m.

26.   Apples were sold at 6 for $4 and pineapples were sold
       at 2 for $3. Sally bought 3 apples and some pineapples
       and paid a total of $14. How many pineapples did she buy?

                                        Ans: _____

27.   Write 41m 8cm in centimetres.

                                        Ans: _____cm

28.   Find the quotient of 905 ÷ 8.

                                        Ans: _____

29. Z and Y are both whole numbers.
     The product of the two numbers is 36.
     What are the two numbers if the difference
     between the 2 of them is 16?

     Ans: _____ and _____

30. Express $\frac{18}{24}$ in its simplest form.

     Ans: _____

31. Mrs Chan gave $\frac{1}{3}$ of her cookies to Susan and $\frac{5}{12}$ to
     Alice. What fraction of the cookies had she left?
     (Give your answer in the simplest form.)

     Ans: _____

32. What is the total mass of 5 birds which weigh 775g <u>each</u>?
     (Give your answer in kg and g.)

     Ans: _____ kg _____ g

Use the graph below to answer questions 33 and 34.
The graph shows the number of people who visited the school library during a week.
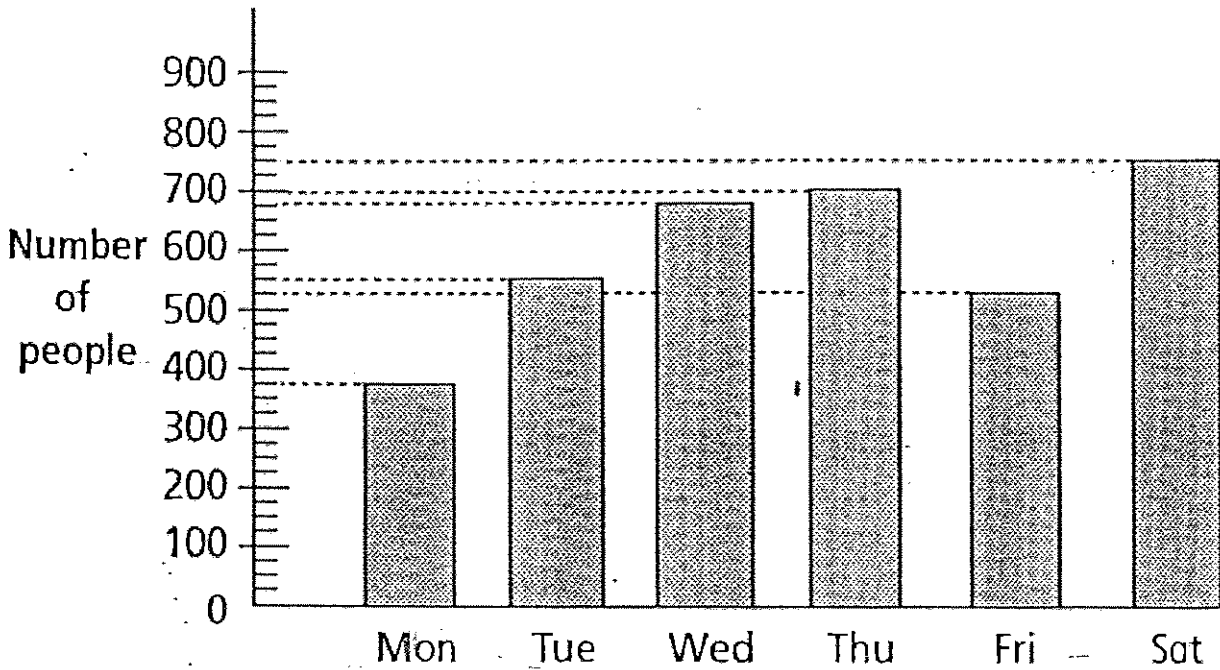
33. The total number of people who visited the school library on Monday and Thursday is the same as the total number of people who visited on Friday and _____.

Ans: _____

34. There were 125 adults at the school library on Saturday. This was 20 fewer than the number of girls who were there on the same day. How many boys visited the library on that day?

Ans: _____ boys

35.   What fraction of the figure is shaded?
       (Give your answer in its simplest form.)
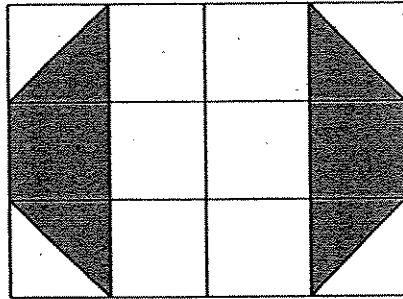
Ans: _____

36.   What is the area and perimeter of the square below?

7m
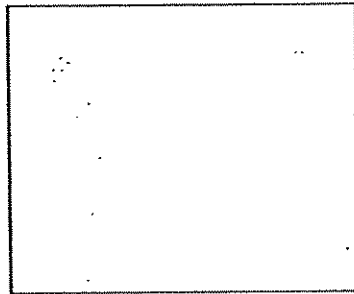
Ans: Area: _____ m^2

Perimeter: _____ m

37.   4 pupils drink a total of 2 ℓ of juice every day.
       Each pupil drinks an equal amount of juice.
       How much juice does each pupil drink every day?

Ans: _____ m ℓ

Do not write in this space

38. A rectangular field has sides 86 m and 9 m. Find the area of the field.

Ans: _____ m²

39. (a) 10 kg = _____ g

(b) 2005 mℓ = _____ ℓ _____m ℓ

Ans: (a) _____ g

(b) _____ ℓ _____ m ℓ

40. Arrange the fractions in decreasing order: $\dfrac{2}{3}$, $\dfrac{1}{2}$, $\dfrac{5}{6}$

Ans: _____ _____ _____ _____

SECTION C: (5 x 4 marks)
Solve the following problems.
All mathematical working and statements must be shown clearly.

41. The total mass of a dog and a cat is 9 kg 890 g.
     The dog is heavier than the cat by 240 g.
     What is the mass of the cat?
     (Give your answer in kg and g.)

42. Vani took part in a 2400 m race.
    She took a rest after running 835 m.
    She continued running for another 258 m before giving up.
    (a) What was the distance she ran in all?
    (b) How far away was she from the finishing point?

Do not
write ir
this
space

Do no
write i
this
space

43.   Fatimah saved $539 each month during the first eight months of
the year.
She saved $650 each month for the rest of the year.
How much did she save in total for the whole year?

44. A metal container can hold 8400 mℓ of water altogether.
Eight identical pails are needed to fill up the metal container completely.
How much more water can the metal container hold than one pail?

(Give your answer in ℓ and mℓ.)

45. Mr Kumar left home at 2.15 p.m. and reached the stadium
    half an hour later.
    He trained for three hours and took a taxi home.
    When he reached home, it was already 6.20 p.m.
    How long did it take him to reach home?
    (Draw and label the time-line.)

End of Paper
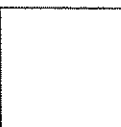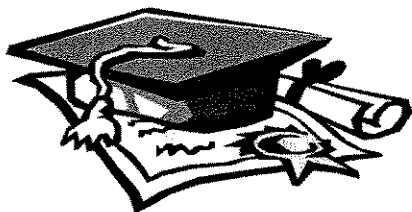
ANSWER SHEET

CHIJ PRIMARY SCHOOL - PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (2)

1. 2
2. 3
3. 3
4. 4
5. 1
6. 4
7. 3
8. 2
9. 1
10. 3
11. 3
12. 2
13. 4
14. 3
15. 2
16. 3
17. 3
18. 4
19. 4
20. 1
21. 10
22. 5
23. 738
24. 78
25. 12.45
26. 8
27. 4108cm
28. 113
29. 18 and 2
30. ¾

45) 15+20=35min

31) ¼
32) 3kg 875g
33) Tuesday
34) 480 boys
35) 1/3
36) Area:49m2
    Perimeter:28m
37) 500ml
38) 774m2
39) a)10000g
    b)2L 5mL
40) 5/6, 2/3, ½

41) 9kg 890g-240g=9kg 650g
    9650g÷2=4825g
    The mass of the cat is 4kg 825g

42) a)835m+258m=1093m
    She ran 1093m in all.
    b)2400m-1073m=1307
    She was 1307m away from the
    finishing point.

43) 12-8=4
    $650x4=$2600
    $4312+$2600=$6912
    Fatimah save $6912 for the whole
    year.

44) 8400ml÷8=1050ml
    8400ml-1050ml=7350ml
    7L 350ml is the amount it can
    hold.

Rosyth School
Semestral Assessment 2 2007
Mathematics
Primary 3

100
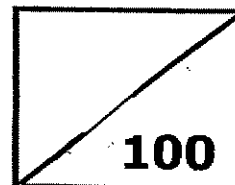
Name: _____

Class: Pr 3-_____   Register No. _____   Duration: 1h 45 min

Date: 30th October 2007   Parent's Signature: _____

Instructions to Pupils:
1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts, Sections A, B and C.
4. For questions 1 to 20 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).

	Maximum	Marks Obtained
Section A	40	
Section B	40	
Section C	20	
Total	100	

* This paper consists of ___18___ pages altogether.

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<u>Section A (40 marks)</u>

Questions 1 to 20 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3, or 4). Shade the correct oval (1, 2, 3, or 4) on the Optical Answer Sheet.

1. What is the missing number in the box?

    1 678 = 1 000 + ☐ + 70 + 8

    (1) 6
    (2) 60
    (3) 600
    (4) 6 000

2. In 9 432, the digit 3 is in the _____ place.

    (1) ones
    (2) tens
    (3) hundreds
    (4) thousands

3. Sue exchanges a $5 note for 10 coins. All the coins have the same value. What is the value of each coin?

    (1) 5¢
    (2) 10¢
    (3) 20¢
    (4) 50¢

4. Express 1 890 g in kilograms and grams.

    (1) 1 kg 89 g
    (2) 1 kg 890g
    (3) 18kg 9 g
    (4) 18 kg 90 g

1

5. Which one of the following fractions does **not** have the same value as $\frac{4}{8}$?

    (1) $\frac{1}{2}$

    (2) $\frac{2}{4}$

    (3) $\frac{6}{10}$

    (4) $\frac{8}{16}$

6. What fraction of the rectangle below is **not** shaded?

    (1) $\frac{1}{4}$

    (2) $\frac{2}{6}$

    (3) $\frac{4}{6}$

    (4) $\frac{3}{4}$
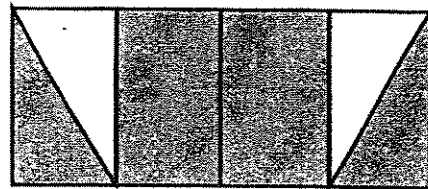
7. The perimeter of the figure is _____m.

    5 m   4 m

    4 m   2 m

    3 m

    (1)   13
    (2)   15
    (3)   16
    (4)   18

2
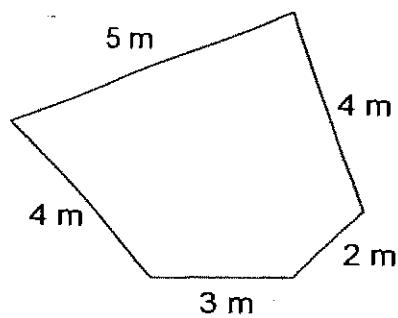
8. 1 h 50 min ago, the time was 3.50 p.m. The time now is _____ p.m.

(1) 2.00
(2) 4.40
(3) 5.00
(4) 5.40

The following bar graph represents the amount of weekly pocket money of 6 girls.
Study it carefully and answer question 9.
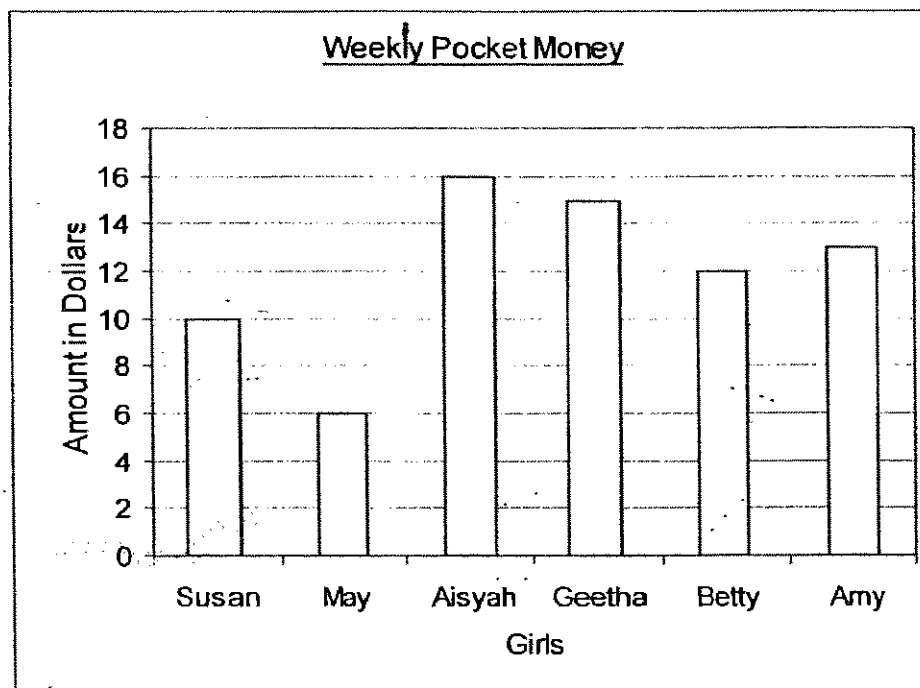
9. How much more pocket money does Geetha have than May?

(1) $ 6
(2) $ 8
(3) $ 9
(4) $ 15

10. The numeral for 3 thousands, 12 hundreds, 6 tens and 10 ones is _____.

(1) 3 121
(2) 3 190
(3) 4 181
(4) 4 270

3

11. Which of the following has the smallest value?

    (1)   8 000 – 8
    (2)   7 900 + 20
    (3)   8 008
    (4)   800 x 9

12. Muthu has 580 marbles. He shares them among his 4 friends. How many marbles does each friend get?

    (1)   145
    (2)   576
    (3)   584
    (4)   2 320

13. Siti scored 92 marks in Mathematics. She scored 6 marks more in Mathematics than in Science. How many marks did she score in Science?

    (1)   84
    (2)   86
    (3)   96
    (4)   98

14. Mr Lim went shopping with some money. He bought a watch for $73.45 and had $17.55 left. How much did he bring along for shopping?

    (1) $55.90
    (2) $64.10
    (3) $90.90
    (4) $91.00

15. Mdm Tay wants to pay her maid $360. She finds that she is short of $65. How much money does Mdm Tay have?

    (1) $295
    (2) $305
    (3) $325
    (4) $425

Study the diagram below and answer Question 16.
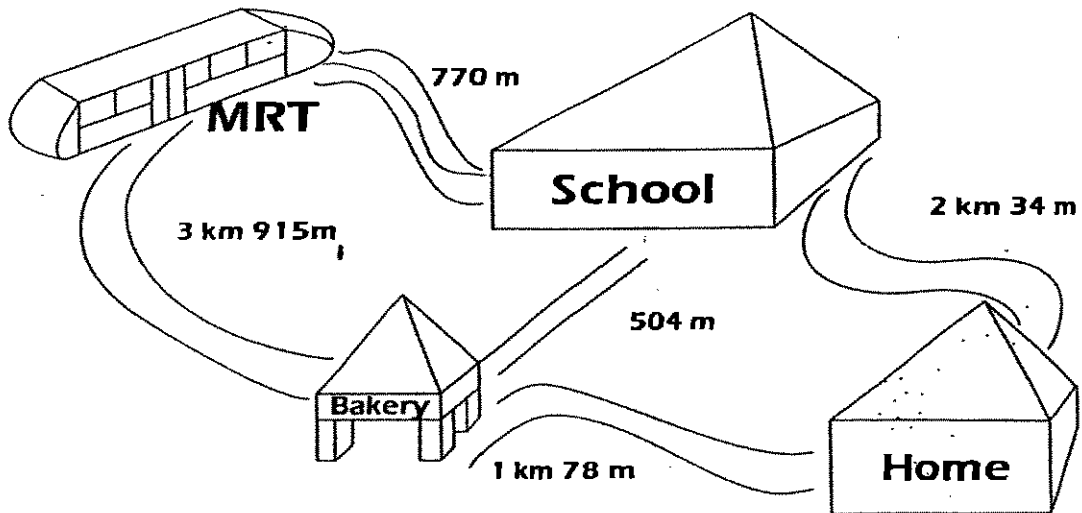
16. Mrs Tay drives from the MRT station to the school to fetch her son.
    She then drops by at the bakery before she heads back home.
    What is the total distance travelled by Mrs Tay if she takes the shortest
    possible route?

    (1)   1 km 452 m
    (2)   2 km 352 m
    (3)   3 km 54 m
    (4)   8 km 301 m

17. If there are 660 $m\ell$ of orange juice in a bottle, how many **more** millilitres of
    orange juice are needed to make up 2 ℓ ?

    (1)   1240 $m\ell$
    (2)   1280 $m\ell$
    (3)   1340 $m\ell$
    (4)   1360 $m\ell$

5

18. John cuts a cake equally into 5 pieces. He eats 2 pieces and gives the rest to his sister. What fraction of the pie does his sister get?

(1) $\dfrac{1}{3}$

(2) $\dfrac{2}{5}$

(3) $\dfrac{3}{5}$

(4) $\dfrac{2}{3}$

19.

8 cm

4 cm
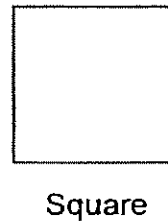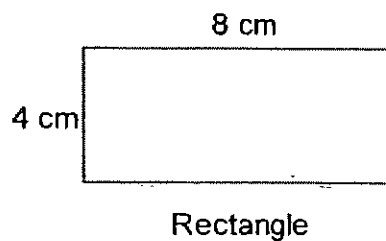
Rectangle

Square

The square shown has the same perimeter as the rectangle shown.
What is the length of the square?

(1) 6 cm
(2) 8 cm
(3) 3 cm
(4) 16 cm

20. Mrs Lim has 28 chicken pies. She packs all of them into boxes.
Each box can hold up to 5 pies.
Which of the following **cannot** be the total number of boxes she uses?

(1) 5
(2) 6
(3) 7
(4) 8

6

Section B (40 marks)

Questions 21 to 40 carry 2 marks each.
For each question, <u>show your working clearly</u> in the space below each question.
Write your answers in the spaces provided. Give your answers in the units stated.

---

21. Find the product of 364 and 5.

22. Divide 781 by 8.
    What is the remainder?

23. Find the value of $21.35 + $15.85

$

7

24. Sam bought a pen and an exercise book for a total of $1.60.
He only has some twenty-cent coins with him.
How many twenty-cent coins did he use to pay for what he had bought?

25. A pail has 6ℓ 335mℓ of water.
1ℓ 780mℓ more water are needed to fill up the pail.
What is the capacity of the pail?
Express your answer in litres and millilitres.

_____ℓ _____mℓ

26. The sum of $\frac{1}{3}$, $\frac{1}{6}$ and $\frac{1}{12}$ is_____.

8

27. Find the area of the square shown below.

8cm

cm²
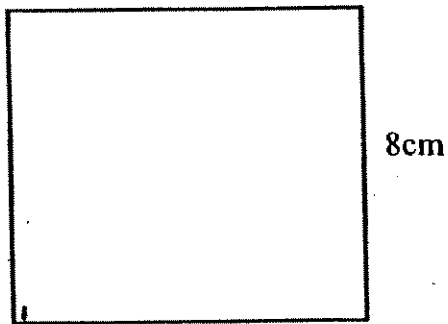
28. Express 4 h 16 min in minutes.

min

29. 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9

When the first 9 numbers are added up, what is the digit in the ones place of this total?

9

30. The chairs in the hall are arranged in rows of 9.
There are 126 rows of chairs.
How many chairs are there altogether?

31. $21 = 3 \times 3 + \boxed{} \times 3$

What is the missing number in the box?

32. 100 less than 2 083 is _____.

33. Vani was given $5 to spend during an outing.
She spent $1.20 on a chicken wing and 90¢ on an ice-cream.
How much had she left?

$ \boxed{}

10

34. The length of a rope is 3 times the length of a ribbon.
    If the length of the ribbon is 72 cm, what is the length of the rope?

cm

35. $\dfrac{2}{5} + \dfrac{3}{10} = \dfrac{\boxed{}}{10}$

What is the missing number in the $\boxed{}$?

36. The figure is made up of two rectangles, A and C, and a square, B.
    Calculate the perimeter of Rectangle A.
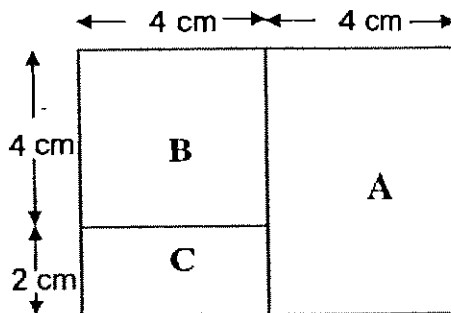
cm

37. Study the signboard which is placed on the door of Rocky Café.

> **Opening Hours: 10 am --- 9 pm Daily**
>
> **Closed on Sunday.**

The café is open for _____ hours a week.

38.

3, 5, 6, 8

Using any **three** numbers in the box above,
form the **largest** three-digit **even** number.

12

The bar graph below shows the number of students in 5 schools
(A, B, C, D and E) who passed a Science examination.
Study the graph carefully and answer Questions 39 and 40.

Passes in ~~Mathematics~~ Science
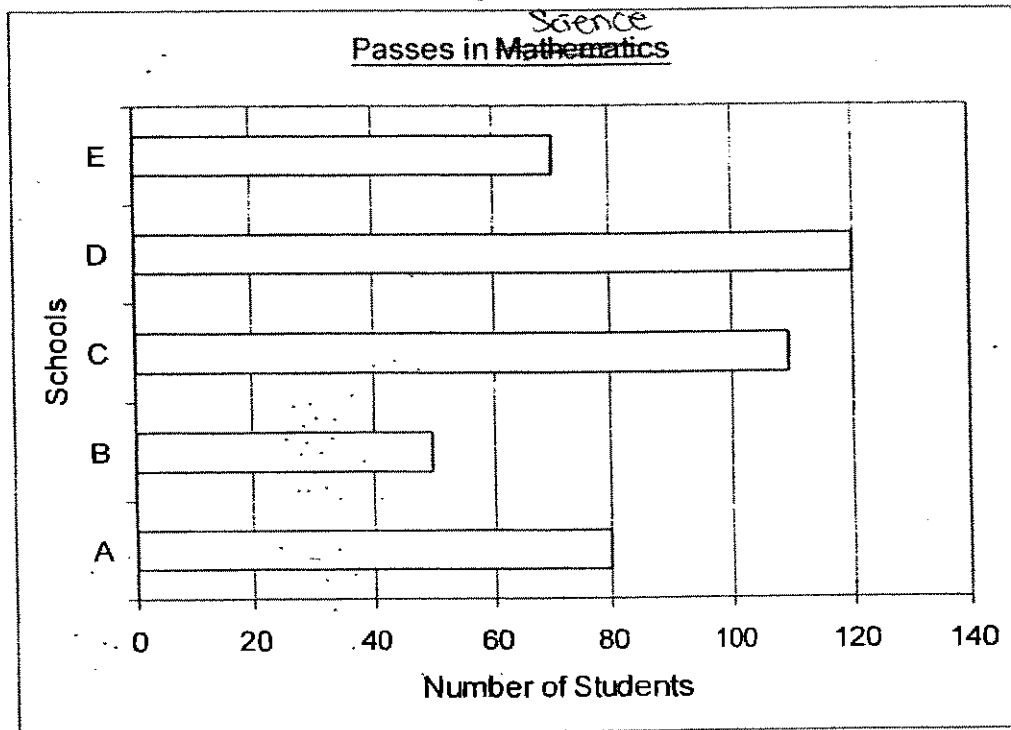
39. If 25 female students in School C passed the examination,
    how many boys passed the same examination in School C?

40. Students who passed the examination in School D were given
    2 pencils each by the Principal.
    How many pencils did the Principal give away altogether?

13

Section C (20 marks)
For questions 41 to 45, show your working clearly in the space below each question and write your answers in the spaces provided.
The number of marks for each question is shown in brackets [ ].

41.   A box contains blue and yellow buttons. There are 68 blue buttons.
       There are 32 more yellow buttons than blue buttons.
       (a) How many yellow buttons are there?
       (b) How many buttons are there in the box altogether?

Answer : (a) _____ [2m]

(b) _____ [2m]

14

42. 40 children attended a party.
    Each boy ate 3 cookies and each girl ate 4 cookies.
    If there was an equal number of boys and girls, how many cookies
    did they eat altogether?

Answer : _____[4m]

15

43. A total of 5 100 people took part in a walkathon.
    1 200 of them were girls.
    There were 56 fewer boys than girls.
    The rest were adults.
    (a) How many boys were there?
    (b) How many adults were there?

Answer : (a) _____[2 m]

(b) _____[2 m]

16

44. Mrs Siva bought 10 bunches of rambutans.
    There were 66 rambutans in each bunch.
    If she shared the rambutans with 5 friends, how many rambutans did each
    friend get?

Answer : _____ [4 m]

17

45. Peter has 12 pets which consist of birds and hamsters.
    All the hamsters have 36 **more** legs than all the birds.
    How many of his pets are birds?

Answer : _____[4 m]

---- END OF PAPER ----
Have you checked your work?

18

ANSWER SHEET

ROSYTH PRIMARY SCHOOL – PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (2)

1. 3
2. 2
3. 4
4. 2
5. 3
6. 1
7. 4
8. 4
9. 3
10. 4
11. 4
12. 1
13. 2
14. 4
15. 1
16. 2
17. 3
18. 3
19. 1
20. 4
21. 1820
22. 5
23. $37.20
24. 8 twenty cents
25. 8L115ml
26. 7/15
27. 64cm2
28. 256min
29. 5
30. 1134

31) 4
32) 1983
33) $2.90
34) 216cm
35) 7
36) 20cm
37) 66
38) 856
39) 85 boys
40) 240 pencils

41) a) Number of yellow buttons → 68+32=100 buttons.
     The are 100 yellow buttons.
   b) 100+68=168 buttons.
      There are 168 buttons in the box altogether.

42) Number of boys → 40÷2=20 boys
    Number of girls → 40÷2=20 girls

    Number of cookies that the girls ate → 20x4=80 cookies.
    The girls ate 80 cookies.
    Number of cookies that the boys ate → 20x3=60 cookies
    The boys ate 60 cookies
    Number of cookies that the children ate → 80+60=140 cookies
    The children ate 140 cookies altogether.

43) a) Number of boys =1200−56=1144 boys
       There were 1144 boys
    b) Number of adults=1200+1144=2344
       5100−2344=2756
       There were 2756 adults.

44) 66x10=660 rambutans
    660÷6=110 rambutans
    Each friends gets 110 rambutans.

45) 2 of his pets are birds.

HENRY PARK PRIMARY SCHOOL
END-OF-YEAR EXAMINATION 2007
MATHEMATICS
PRIMARY 3

NAME:_____ (   )

CLASS: PRIMARY 3 _____

DURATION: 1 h 30 min

/100
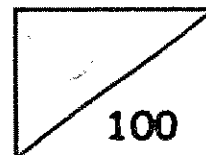
<u>Section A</u>: (2 marks each)
Choose the correct answer for each question and write its number (1,2,3,or 4) in the brackets provided. You are required to shade the OAS at the <u>end of the examination</u>.

1)   640 is _____ less than 7380.

    1)   6340
    2)   6740
    3)   7340
    4)   7740   (   )

2)   What is the product of 876 x 8?

    1)   6478
    2)   6968
    3)   7008
    4)   7288   (   )

3)   3 km 75 m is equal to _____ m.

    1)   375
    2)   3 075
    3)   3 705
    4)   3 750   (   )

1

4)
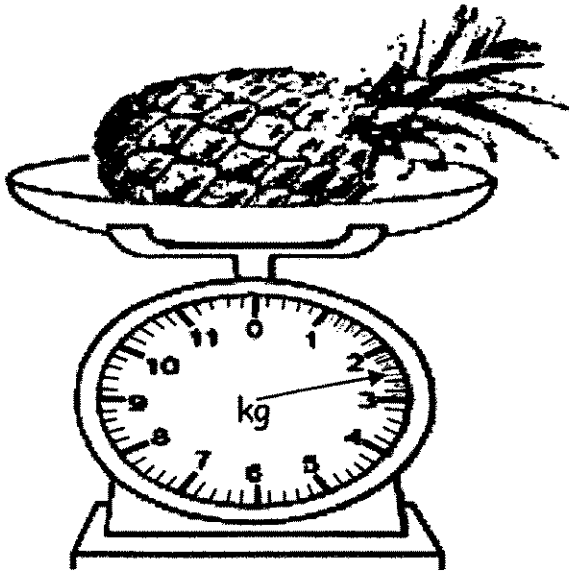
What is the mass of the pineapple on the weighing scale?

1)   2 kg 50g
2)   2 kg 200g
3)   2 kg 250g
4)   2 kg 500g   (   )

5)   Pail A can hold 3 878 mℓ of water. Pail B can hold 59 mℓ lesser water
      than Pail A. How much water can Pail B hold?

1)   3 811 mℓ
2)   3 819 mℓ
3)   3 829 mℓ
4)   3 937 mℓ   (   )

2

6)   Which of the following is **not** an equivalent fraction of $\frac{3}{12}$?

    1) $\frac{1}{4}$

    2) $\frac{2}{6}$

    3) $\frac{2}{8}$

    4) $\frac{4}{16}$ (   )

7)   Each side of the square is 5 cm long. What is the area of the square?

5 cm [square]

    5 cm
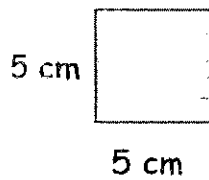
    1)   5 cm²
    2)   10 cm²
    3)   20 cm²
    4)   25 cm²   (   )

3

8)   Look at the following number pattern.

65	108	A
35	78	236
15	58	216
5	48	206

A is _____.

1)   246
2)   256
3)   266
4)   276   (   )

9)   Use the digits 7, 6, 4, and 0 to form the __smallest__ possible 4-digit __even__
      number.

1)   4706
2)   4607
3)   4076
4)   4067   (   )

4

10)   What is the missing digit in the box?

$$
\begin{array}{cccc}
7 & 5 & 6 & 4 \\
- \ 2 & \square & 8 & 9 \\
\hline
5 & 4 & 7 & 5 \\
\hline
\end{array}
$$

1)   1
2)   0
3)   8
4)   9   (   )

11)   Tom has 8 albums which contain 7 pages of stickers in each album. If there are 24 stickers in each album, how many stickers does Tom have in all?

1)   39
2)   192
3)   360
4)   1344   (   )

12)   How much does Irene have if she is given 6 fifty-cent coins, 7 twenty-cent coins and 5 ten-cent coins?

1) $ 1.93
2) $ 2.20
3) $ 4.90
4) $ 6.75   (   )

5

13) The time shown on Ahmad's watch is 2.15 p.m. His watch is 25 minutes slow. The correct time on his watch should be _____ p.m.

1) 1.50
2) 1.55
3) 2.30
4) 2.40   (   )

14) The diagram shows the route taken by Devi to walk from her house to her grandmother's house and then to the playground. The total distance covered by Devi was 2020 m. What was the distance she walked from her house to her grandmother's house?

Grandmother's house

Playground

Devi's house   ?   970m
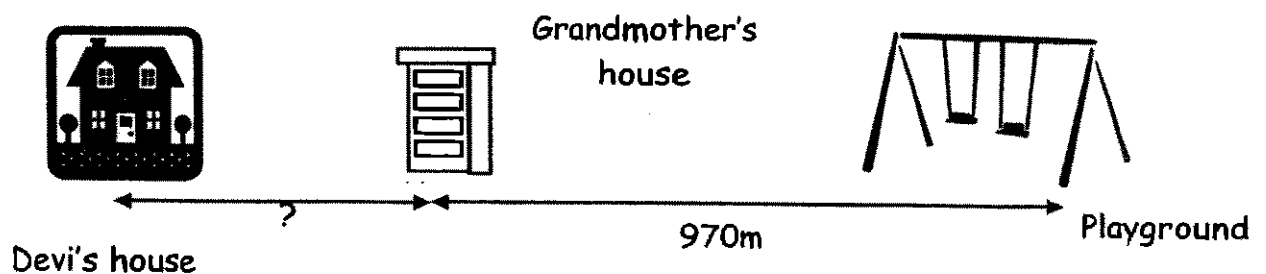
1) 1 km 50 m
2) 1 km 190 m
3) 1 km 500 m
4) 2 km 990 m   (   )

15) The mass of an apple is 132 g. The mass of a durian is 3 095 g. The total mass of the 2 fruits is _____.

1) 2 kg 963 g
2) 3 kg 227 g
3) 4 kg 082 g
4) 4 kg 127 g   (   )

6

16) What is the sum of $\frac{1}{4}$, $\frac{1}{8}$ and $\frac{1}{2}$?

1) $\frac{3}{8}$

2) $\frac{7}{8}$

3) $\frac{4}{10}$

4) $\frac{3}{14}$ ( )

17) How many angles are there inside the figure shown below?

1) 4
2) 5
3) 6
4) 7   ( )
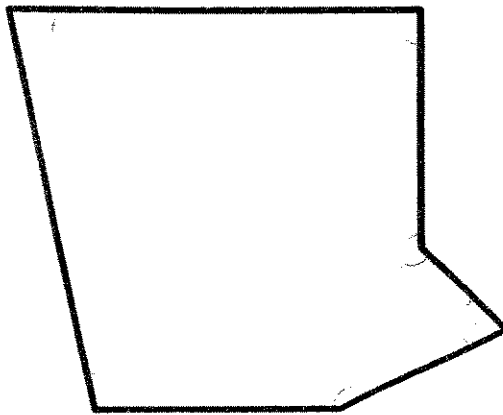
7

18)
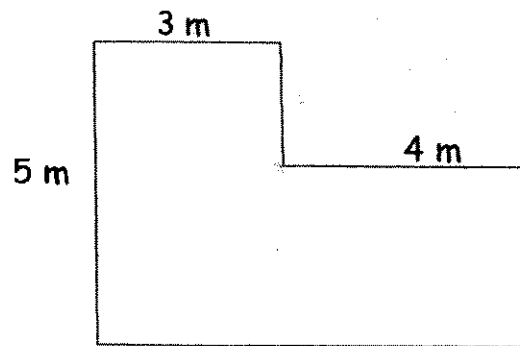
Mr Phua wants to build a fence around his garden as shown above. What is the length of fencing he needs to buy?

1)   21 m
2)   22 m
3)   24 m
4)   25 m   (   )

19)   Cup A contains 240 mℓ of water and Cup B contains 180 mℓ more water than Cup A. The water in both cups is emptied into an empty tank as shown below. Find the volume of water in the tank.

1)   300 mℓ
2)   420 mℓ
3)   600 mℓ
4)   660 mℓ

(   )

8
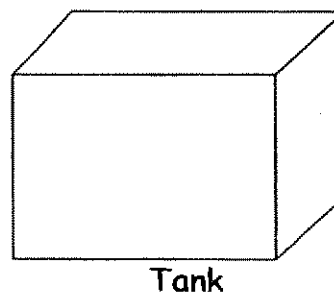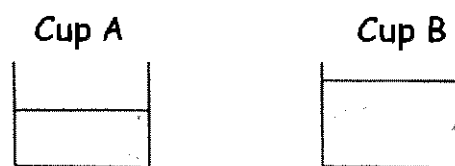
20) The table below shows the marks of 3 students. Part of the marks obtained by Francis and George has been covered. What could George's marks be?

Eddie	3 8
Francis	4
George	3
Total Marks	1 2 2

1)   30
2)   32
3)   34
4)   37   (   )

Section B: (2 marks each)

Answer the following questions. Write your answers in the boxes provided.

21) Fill in the missing signs so that the number sentence is correct.

8 ☐ 3 = 96 ÷ 4

☐

22) Mr Tan gave $ 35.00 to his son and $ 46.50 to his daughter. How much more money did his daughter receive than his son?

$ ☐

23) Bala's mass is 48 kg. He is twice as heavy as Sulin. What is their <u>total</u> mass?

kg ☐

10

24) Lily wants to shade the figure below to show the **answer** for the difference between $\frac{1}{4}$ and $\frac{1}{12}$. How many rectangles should he shade?

$\underline{\hspace{2cm}}$ rectangles
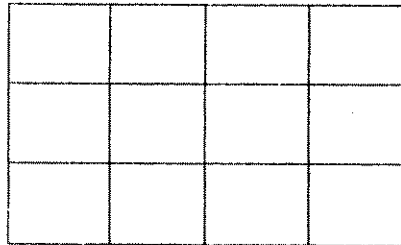
25) Name the pair of parallel lines in the figure below.

$\underline{\hspace{1.5cm}}$ and $\underline{\hspace{1.5cm}}$
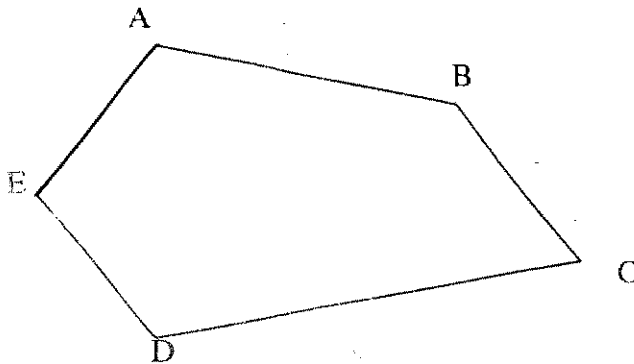
26) How many times does the digit 8 appear in the numbers from 1 to 80?

$\boxed{}$

11

27) A delivery man loaded 780 eggs onto his truck. During the delivery, 200 eggs got broken. He delivered the remaining eggs equally to 5 bakeries. How many eggs did each bakery get?

28) A packet of biscuits cost $ 1.20. Mary bought 2 packets of biscuits. She gave the shopkeeper $ 5.00. How much change did she receive?

$ _____

29) Sam took 2h 20min to paint his room. He started at 8.45 a.m. He finished painting his room at _____a.m.

12

30)   A rope is 6 m long. Siti cuts the rope into 2 pieces. The shorter piece
      is 250 cm long. What is the length of the longer piece?

	cm

31)   Ali pours some orange juice from a jug into 2 identical glasses. Each
      glass contains 300 mℓ of orange juice. There is 500 mℓ of orange juice
      left in the jug. What is the capacity of the jug?

	mℓ

32)   Arrange the fractions in order, beginning with the smallest.

$$\frac{2}{3} \, , \quad \frac{7}{12} \, , \quad \frac{5}{6}$$

_____ , _____ , _____

13

The graph below shows the amount of money earned by Mrs Brown last week. Use the graph to answer question 33 and 34.

Mrs Brown's earnings

Days of the week
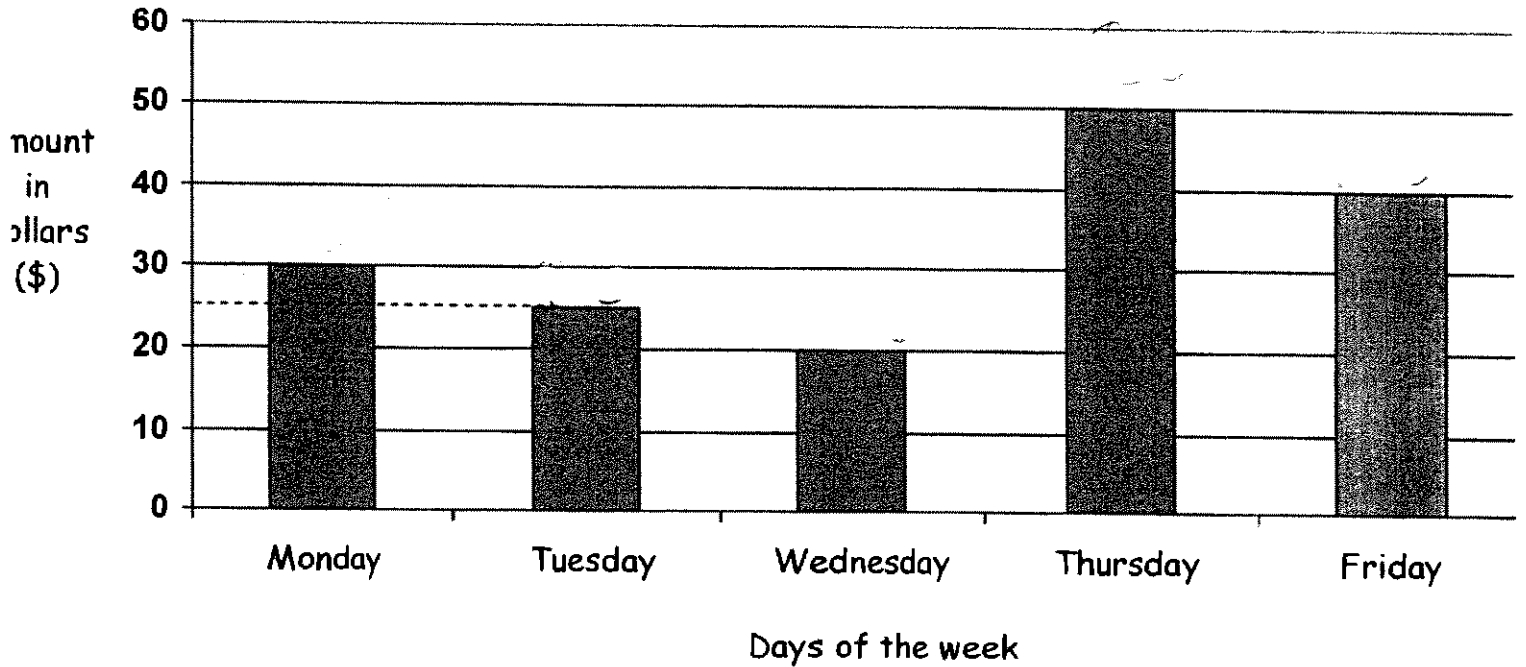
33)   How much more did she earn on Thursday than on Wednesday?

$ [   ]

34)   On which day did she earn twice as much money as Wednesday?

[   ]

14

35)   Which line is perpendicular to line AF?

36)   What is the missing number in the number pattern below ?

7, 14, 28, 56, _____

15
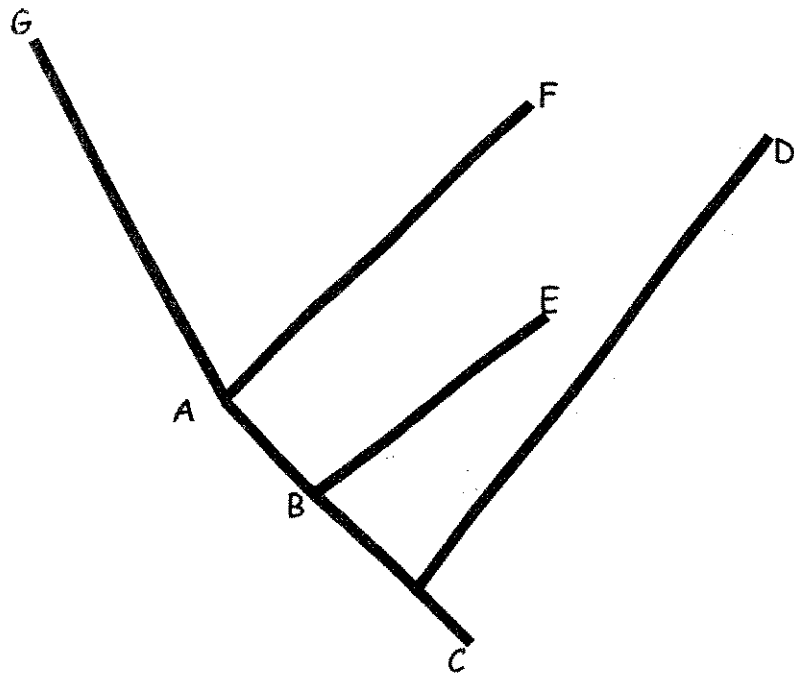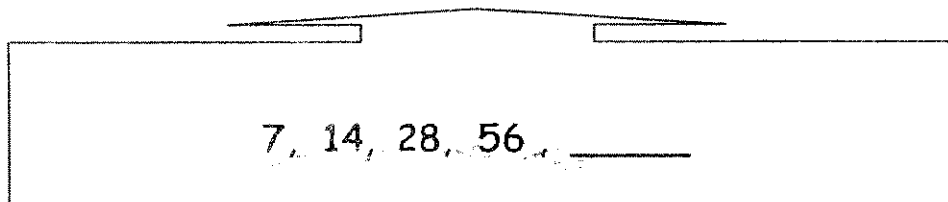
37) Koko earns $50 an hour for a storytelling session at a library. The time table below shows the amount of time she spends conducting the storytelling sessions in a week.

Mon	1 h
Tue	30 min
Wed	1 h 30 min
Thu	1 h

How much does she earn from conducting the storytelling sessions in a week?

$

38) Rope A is 31 cm shorter than Rope B. Rope C is 24 cm longer than Rope B. Find the difference in length between Rope A and Rope C.

cm

16

39) Jane is half as old as Tom. Tom is half as old as Dick. Their ages add up to 112 years old. How told is Dick?

_____ years

40) The length of 1 side of a square room is 4 m. Mr Li covered the floor of the room with carpet as shown in the shaded portion of the figure below. What area of the floor was covered with carpet?

4 m
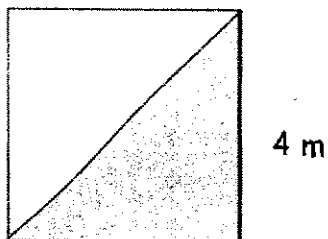
m²

Section C: (4 marks each)
Do these problem sums. Show your working clearly in the space provided.

41)   Jane has 20 marbles less than Mary. Lucy has the same number of marbles as Jane. If they have 290 marbles in all, how many marbles does Mary have?

42)   Amos bought a packet of marbles. He gave half of the packet of marbles to his cousin and gave Tim and Sam 4 marbles each. He found that he had 6 marbles left. How many marbles did Amos buy?

18

43)   Sam bought a shirt and a wallet for a total cost of $72. The wallet cost thrice as much as the shirt. What is the cost of the wallet?

44)   The area of a square plot of land is 64 m². If the breadth of the rectangular flower bed is 2 m, what is the perimeter of the rectangular flower bed on this plot of land ?
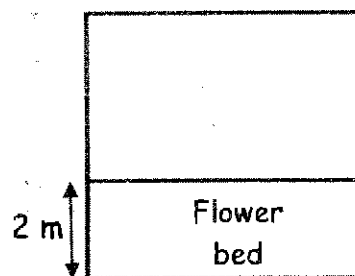
45)   The prices of two sizes of candles at a shop are shown below.

Small candle	$1 each
Large candle	$2 each

Jack bought 4 more small candles than large candles. He spent $28 altogether. How many small candles did he buy?
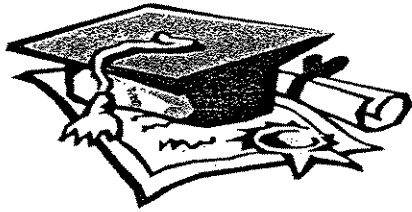
ANSWER SHEET

Henry Park Pri 3 SA2/2007 MATHS

1)2	2)3	3)2	4)4	5)2	6)2
7)4	8)3	9)3	10)2	11)4	12)3
13)4	14)1	15)2	16)2	17)3	18)3
19)4	20)4	21)x	22)$11.50	23)72kg	24)2
25)ED & BC	26)9	27)116 egg	28)$2.60	29)11.05am	30)350cm
31)1100ml	32)$\frac{7}{12}, \frac{2}{3}, \frac{5}{6}$	33)$30	34)Friday	35)AB	36)112
37)$200	38)5cm	39)64	40)8m^2	41)110 marbles	
42)28 marbles		43)$54	44)20m	45)12 small candles	

KONG HWA SCHOOL
SEMESTRAL ASSESSMENT TWO 2007
MATHEMATICS
Primary Three

Name: _____ (   )   Marks:

/100
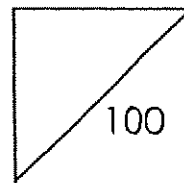
Class : Primary 3 (___)

Date : 25 October 2007

Duration: 1 h 30 min   Parent's Signature: _____

Section A (15 x 2 marks)

For each question, four options are given but only one is correct. Choose the correct answer and shade its number (1, 2, 3 or 4) on the Optical Answer Sheet (OAS) provided.

1.   In 8975, the digit _____ is in the hundreds place.

   (1) 5

   (2) 7

   (3) 8

   (4) 9   (   )

---

2.   Which set of numbers is arranged from the <u>greatest to the smallest</u>?

   (1)   1612, 1621, 6812, 6821

   (2)   1621, 1612, 6812, 6821

   (3)   6812, 6821, 1621, 1612

   (4)   6821, 6812, 1621, 1612   (   )

1

3.   When Alex added 2347 to 5134, his answer was 7581. He made
     a mistake in the _____ place.

     (1) ones

     (2) tens

     (3) hundreds

     (4) thousands   (   )

_____

4.   568 less than 100 hundreds is _____.

     (1) 432

     (2) 668

     (3) 9412

     (4) 9432   (   )

_____

5.   There are 24 hours in a day.
     How many hours are there in 1 week?

     (1) 120

     (2) 144

     (3) 168

     (4) 240   (   )

_____

2

6.   What is the quotient when 2000 is divided by 5?

       (1)   10000

       (2)   400

       (3)   40

       (4)   4   (   )

---

7.   I can exchange $26 for ten $2 notes and _____ 50¢ coins.

       (1)   52

       (2)   13

       (3)   12

       (4)   4   (   )

Based on the figures given below, answer **Questions 8 and 9**.
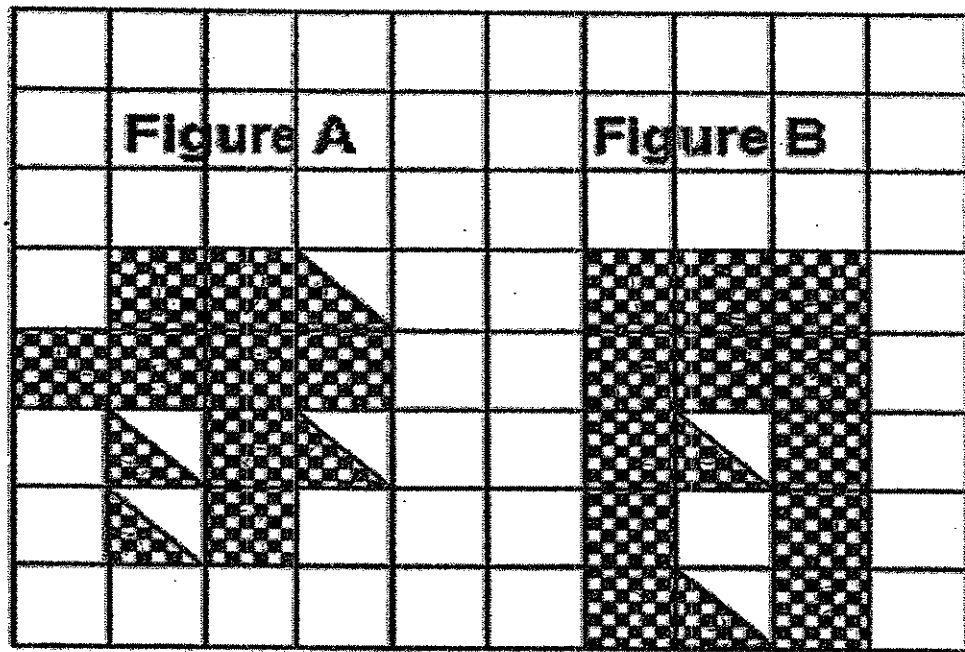
8.   The total area of the shaded parts in Figure A and Figure B is
_____ square units.

   (1) 20
   (2) 23
   (3) 26
   (4) 33   (   )

9.   Figure A is _____ squares units smaller than Figure B.

   (1) 1
   (2) 2
   (3) 3
   (4) 4   (   )

10. The bar graph shows the total number of marks Aloysius, Joshua and Gabriel scored in an English test.

Marks scored in an English test
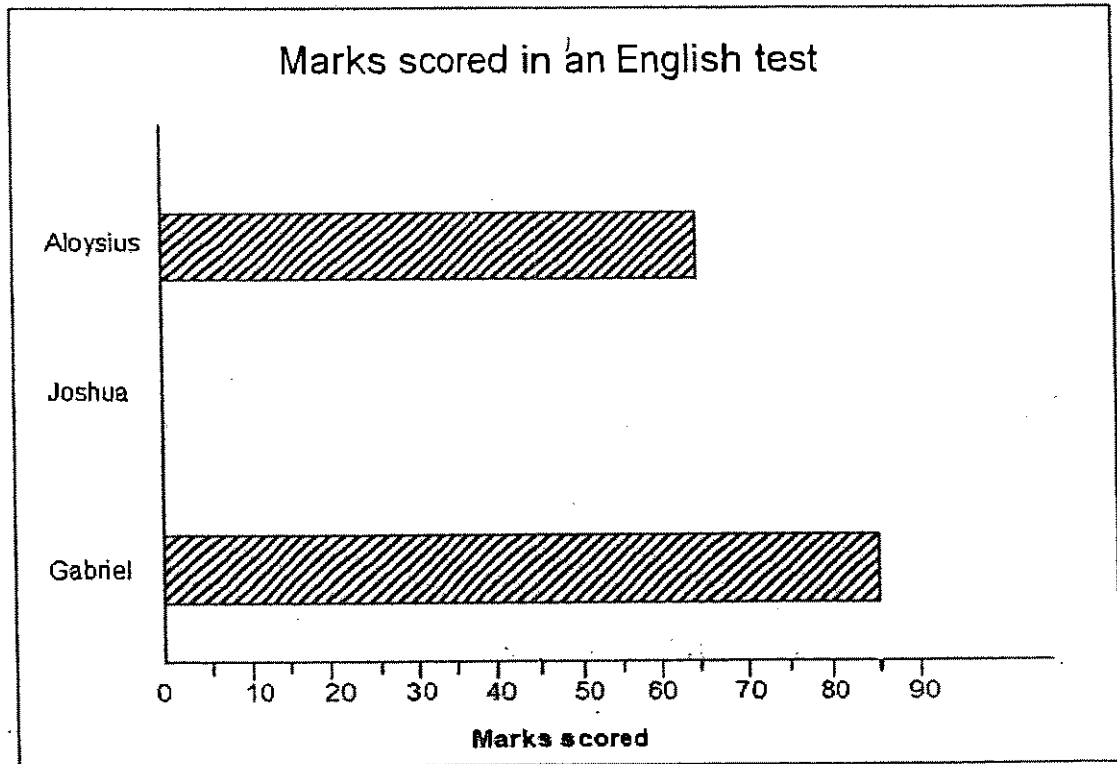
Marks scored

If the 3 boys scored a total of 205 marks, how many marks did Aloysius score more than Joshua?

(1) 10
(2) 20
(3) 30
(4) 55　　　　　　　　　　　　　　　　　　　(　)

11. What is the sum of 2 kg 50 g and 300 g ?

(1) 1750 g
(2) 2080 g
(3) 2350 g
(4) 2800 g　　　　　　　　　　　　　　　　(　)

12. If the capacity of each cup is 80 ml, what is the volume of the water left in the beaker after filling the 3 cups?

(1) 20 ml
(2) 240 ml
(3) 760 ml
(4) 920 ml   (   )

---

13. What is the possible height of the Kong Hwa School's flag pole?

(1) 5 cm
(2) 5 m
(3) 50 m
(4) 5 km   (   )

---

14. $\dfrac{1}{3} + \dfrac{1}{6} =$

(1) $\dfrac{1}{9}$

(2) $\dfrac{2}{9}$

(3) $\dfrac{1}{3}$

(4) $\dfrac{1}{2}$ (   )

6

15.   What fraction of the figure is shaded?
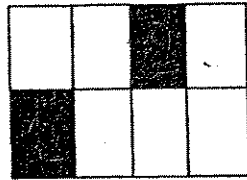
(1) $\dfrac{1}{4}$

(2) $\dfrac{2}{6}$

(3) $\dfrac{1}{2}$

(4) $\dfrac{3}{4}$

(   )

16.   What is the time shown on the clock below?
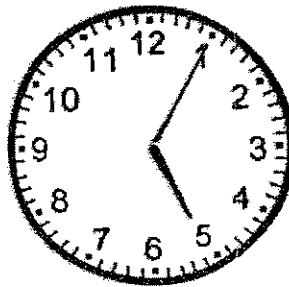
(1) Five minutes past five

(2) Five minutes to five

(3) Twenty-five minutes past one

(4) Twenty-five minutes to one   (   )

17. Johnny practised his violin for 104 minutes. Express your answer in terms of hours and minutes.

   (1) 1 h 4 min

   (2) 1 h 40 min

   (3) 1 h 44 min

   (4) 10 h 4 min   (   )

18. Which of the following angles shown in the following figure is smaller than a right angle?
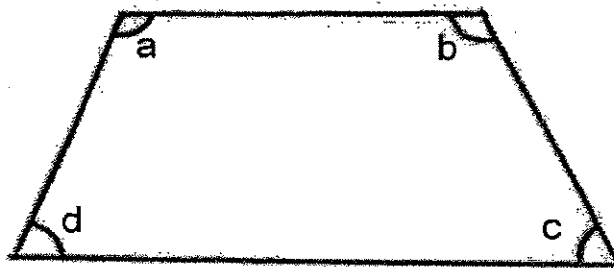
   (1) ∠a and ∠b

   (2) ∠b and ∠c

   (3) ∠c and ∠d

   (4) ∠a and ∠d   (   )

19.   Which line is perpendicular to line AB?
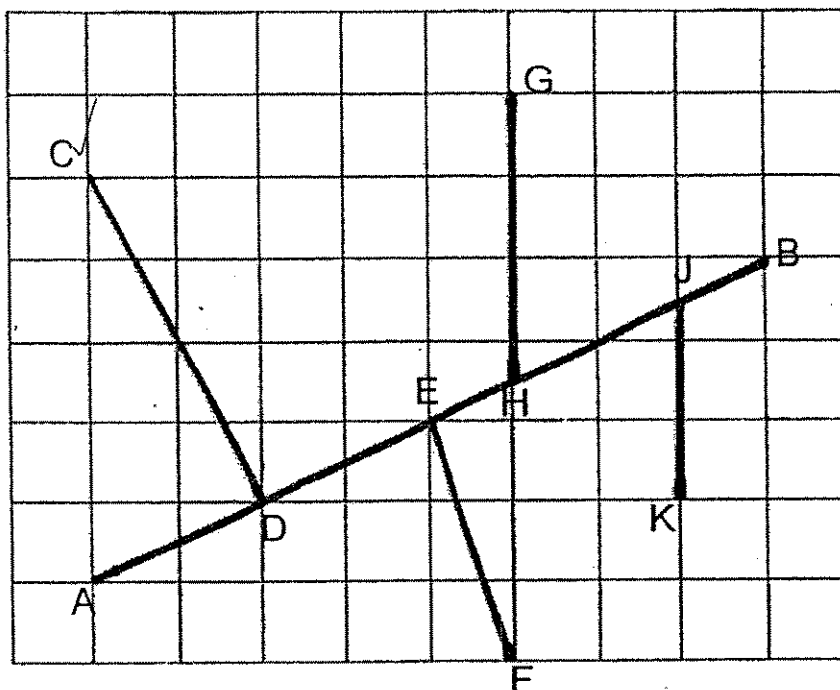
(1) Line CD

(2) Line EF

(3) Line GH

(4) Line JK   (   )

20.   There are 4 boxes on the table. Box A is heavier than Box B.
        Box C is lighter than Box D. Box A is lighter than Box D. Which
        is the heaviest Box?

(1) Box A

(2) Box B

(3) Box C

(4) Box D   (   )

End of Section A

Section B (20 x 2 marks)

For each question, show your working clearly in the space below and write your answer in the box provided. Give your answer in the unit stated.

21.   ⬤ + ⬤ = 1500

      ⬤ x 3 = △

What is the value of △ ?

22.   Each insect has 6 legs.
How many legs do 9 insects have?

legs

23.   If each athlete drinks 2 bottles of water during a marathon, how many bottles of water are needed for 1328 athletes?

bottles

10
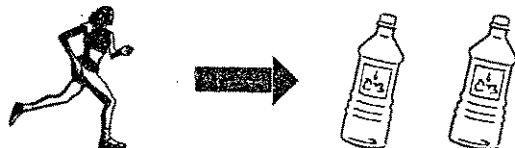
24.   Shade the number which has a digit 5 in the hundreds place
        and the digit in the tens place is 2 more than the digit in the
        ones place.

(5137)   (7513)   (7525)   (7531)

---

25.   What is the largest 4-digit odd number that can be formed with
        the given digits below?

⟨ 5 ⟩   ⟨ 1 ⟩   ⟨ 0 ⟩   ⟨ 7 ⟩

[   ]

---

26.   Xinle gave 595 beads equally to her 7 cousins. How many
        beads did each of her cousins receive?

[   ] beads

---

27.   Johnny has 20 toy cars and toy bicycles. These toy cars have 32 wheels altogether. How many toy bicycles does he have?

	toy bicycles

28.   At a fruit stall, apples are only sold in packets of 5. Each packet is sold at $1.20. How many apples can Mrs Toh buy **at most** if she has only $5?

	apples

29.   Find the perimeter of the figure below.

15 cm

8 cm

5 cm

12 cm

	cm

12
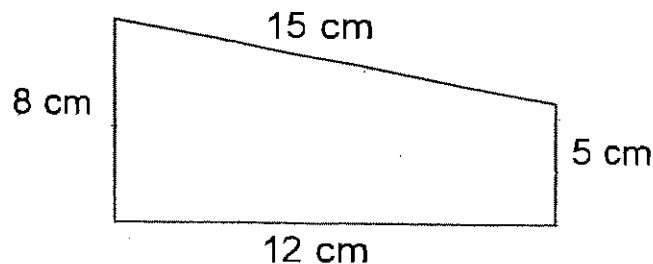
30. Study the table and bar graph carefully. Then complete the bar graph.

Classes	Number of Learn Cards completed
Class 3A	16
Class 3B	12
Class 3C	8
Class 3D	28
Class 3E	4
Total number of cards	**68**

Learn cards completed in 2007
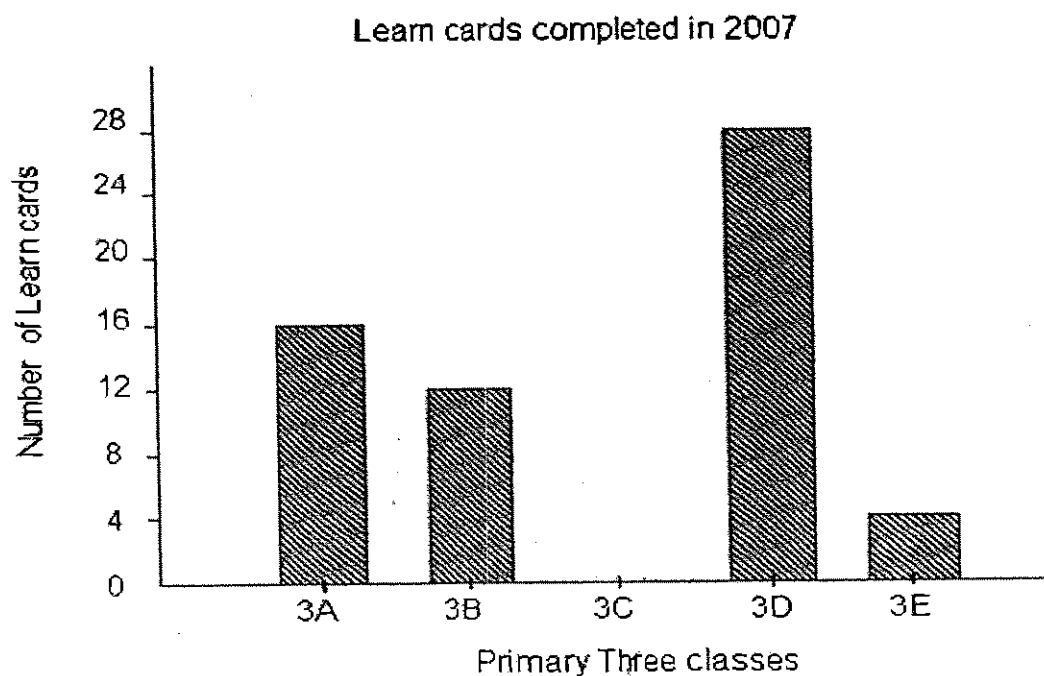
31.   John had 2 m 30 cm of ribbon and Mary had 145 cm of ribbon. What was the total length of the ribbon?

cm

32.   A jug holds 468 m*l* of water. All the water is poured equally into 6 similar cups. How much water is there in each cup?

m*l*

33.   Lionel jogged 2 km 50 m on Saturday. He jogged 150 m more on Sunday than on Saturday. What was the total distance jogged by Lionel for the two days?

m

34.   Arrange the fractions in order, beginning with the greatest.

$$\frac{1}{3} \ , \ \frac{1}{2} \ , \ \frac{3}{4}$$

14

35.   John has already shaded some units in the figure below. How many more units must he shade if he wants to shade $\frac{1}{4}$ of the figure?
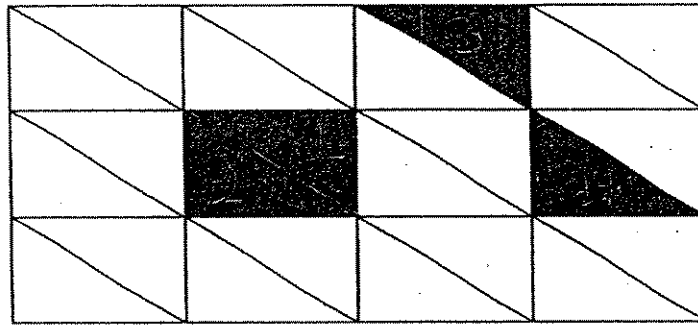
_____ units

---

36.   A cake was cut into 10 equal pieces. Sam ate 2 pieces and Danny ate 4 pieces. What fraction of the cake was left? Give your answer in its simplest form.

37.   How many right angles are there in the figure below?
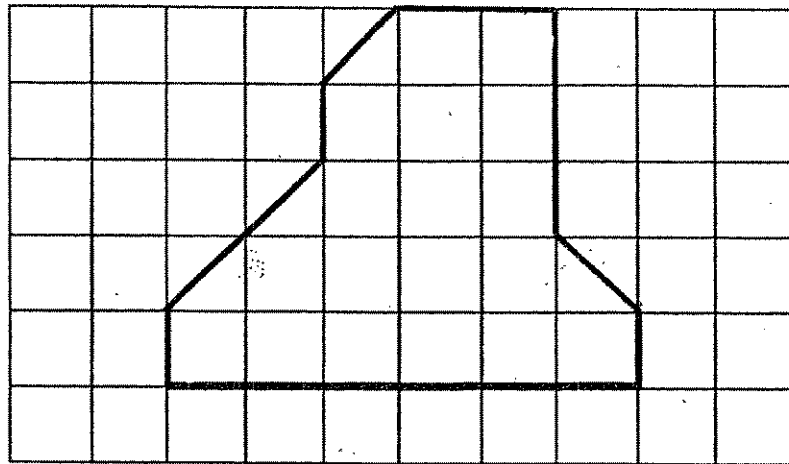
| | right angles |

---

38.   Draw a perpendicular line to the line AB.
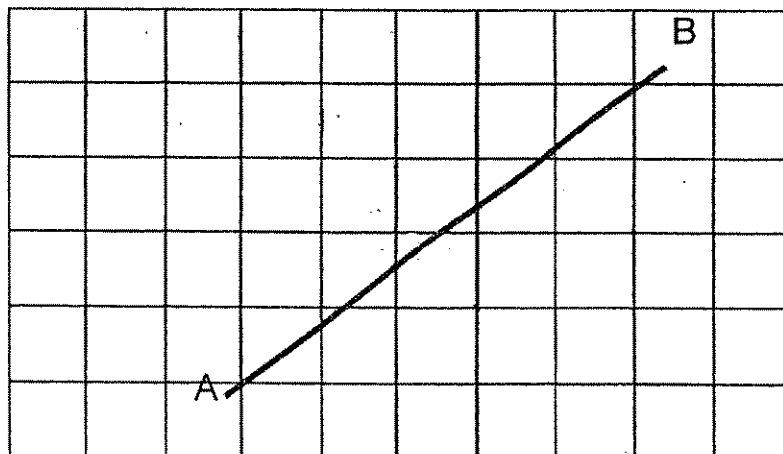
39.   How many pairs of parallel lines are there in the figure below?
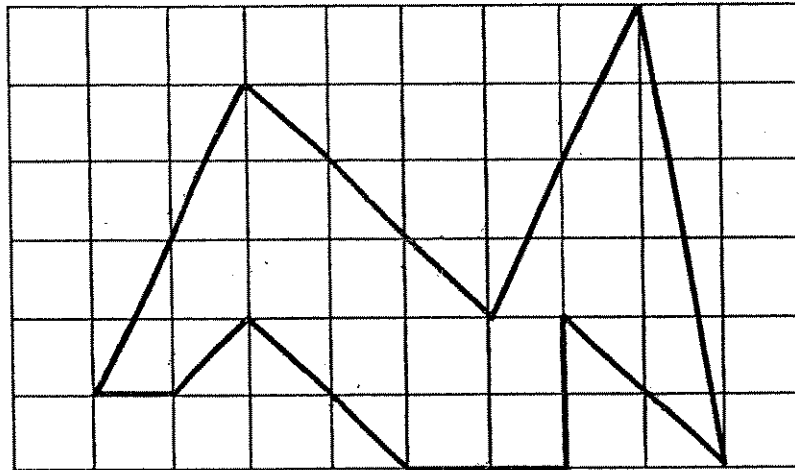
	pairs

---

40.   Harry woke up at 6.05 a.m. He took 10 min to brush his teeth
       and 20 min to eat his breakfast. He then left for school and took
       35 min to reach school. What time did Harry reach school?

	a.m.

Section C (5 x 4 marks)

For each word problem, write down the working steps and answers clearly in the space provided.

41. During a toy sale, 5230 toys were sold on Sunday and 2340 toys were sold on Monday.
     (a) How many more toys were sold on Sunday than on Monday?
     (b) What was the total number of toys sold on both days?

42. There were 9 classes of Primary Three pupils who visited the Hay Dairy goat farm. There were 5 classes of 35 pupils and 4 classes of 37 pupils. How many pupils visited the farm altogether?

43.   A book and 6 pens cost as much as 15 pens.
        The book costs $18.

        (a) What is the cost of 1 pen?
        (b) What is the total cost of the book and the 6 pens?

---

44.   Mrs Lee bought some donuts. She kept 12 for her family and
        gave the rest to her 2 neighbours. If each neighbour received 8
        donuts each, how many donuts did Mrs Lee have at first?

45.   **From the diagrams given below, find the mass of an apple.**
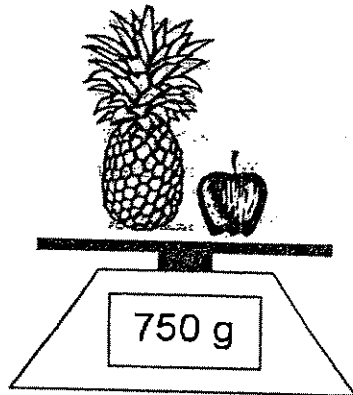
1 pineapple and an apple   2 pineapples and an apple
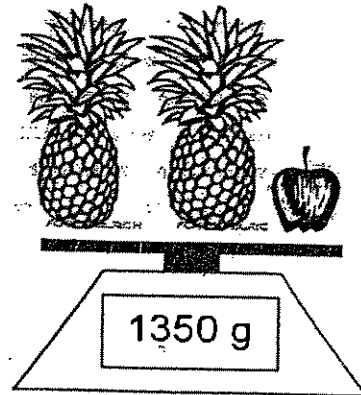
End-of-Paper
Please check your work.
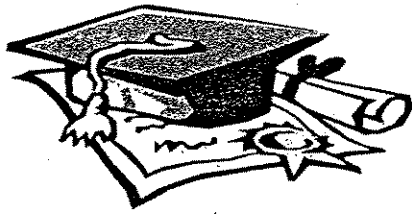
ANSWER SHEET
Kong Hwa Pri 3 SA2/2007 MATHS

1)4	2)4	3)3	4)4	5)3	6)2
7)3	8)2	9)3	10)1	11)3	12)3
13)2	14)4	15)1	16)1	17)3	18)3
19)1	20)4	21)2250	22)54 legs	23)2656 bottles	

24)7531   25)7501   26)85 beads   27)12 toy bicycles   28)20 apples

29)40cm   30)   31)375cm   32)78ml

33)4250m

34)$\frac{3}{4}, \frac{1}{2}, \frac{1}{3}$ 35)1   36)$\frac{2}{5}$

37)3   38)

39)5 pairs

40)7.10am

41)a.2890 toys   b.7570

42)323 pupils   43)$30

44)28 donuts   45)150g
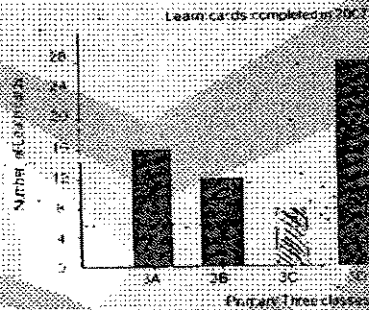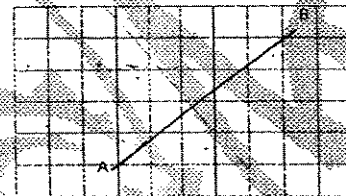
NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION 2007

PRIMARY 3

MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total:	/ 100

Name: _____ (   )

Class: Primary 3 (   )

Date: 31 October 2007

Parent's Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A
Questions 1 to 20 carry two marks each. For each question, four choices are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(Total: 40 marks)

1.   84 hundreds is the same as _____.

    (1)   8 hundreds and 4 tens
    (2)   8 thousands and 4 ones
    (3)   8 thousands and 4 tens
    (4)   8 thousands and 40 tens

2.   What is the value of $1.40 + 45¢?

    (1) $0.95   (2) $1.85
    (3) $95.00   (4) $185.00

3.   Andy bought a box of chocolates at $14 and a pack of candy at $4.85. If he gave the cashier a 50-dollar note, how much change would he get?

    (1) $31.15   (2) $40.85
    (3) $59.15   (4) $68.85

4.   Which of the following is not an equivalent fraction of $\frac{2}{3}$?

    (1) $\frac{4}{6}$ (2) $\frac{6}{8}$

    (3) $\frac{6}{9}$ (4) $\frac{8}{12}$

5.   A group of pupils made a total of 3018 paper cranes in 3 weeks. If they made 708 paper cranes in the first week and 1265 paper cranes in the second week, how many paper cranes did they make in the third week?

    (1)   1045   (2)   1065
    (3)   1145   (4)   1973

6. Express $\dfrac{12}{15}$ in its simplest form.

(1) $\dfrac{2}{3}$ (2) $\dfrac{2}{5}$

(3) $\dfrac{3}{5}$ (4) $\dfrac{4}{5}$

7. The graph below shows the number of people who visited a museum on four days.
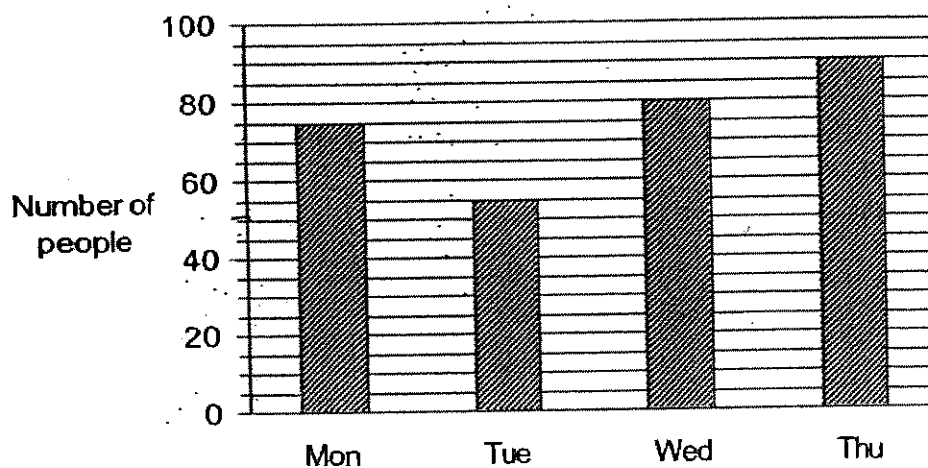
How many people visited the museum on Tuesday?

(1)   43   (2)   50
(3)   55   (4)   58

8. A bottle and a container have a total capacity of 3 l 500 ml. If the container can hold 600 ml more water than the bottle, what is the capacity of the container?

(1)   1450 ml   (2)   2050 ml
(3)   2900 ml   (4)   4100 ml

2

9.   Which of the following figure contains **only** a pair of parallel lines and 2 pairs of perpendicular lines?
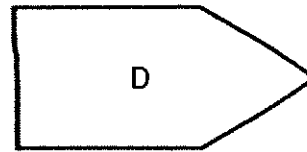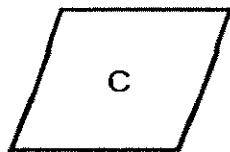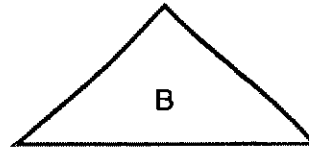
(1)   A   (2)   B
(3)   C   (4)   D

10.   What is the perimeter of the shaded figure below?

(1)   20 cm   (2)   24 cm
(3)   26 cm   (4)   28 cm

3

11.   Mrs Lim sold 9844 cookies in January and 4678 cookies in February.
      How many **more** cookies did she sell in January?

      (1)   5166   (2)   5234
      (3)   5266   (4)   5276

12.   Study the number pattern below.

      9, 54, 324, _____, 11 644

      What is the missing number?

      (1)   369   (2)   594
      (3)   1824   (4)   1944

13.   Zeus had 368 marbles. He gave 48 marbles to Ali and put the rest
      equally into bags of 8. How many marbles were there in each bag?

      (1)   40   (2)   42
      (3)   46   (4)   52

14.   Which of the following is 1 cm shorter than 10 m?

      (1)   9 cm   (2)   99 cm
      (3)   999 cm   (4)   9999 cm

15.   May bought 3 pieces of cloth. The length of the blue and red cloth was
      1 m 5 cm each. The green cloth was 70 cm long. What was the total
      length of the 3 pieces of cloth?

      (1)   220 cm   (2)   280 cm
      (3)   315 cm   (4)   370 cm

16. Study the picture below.
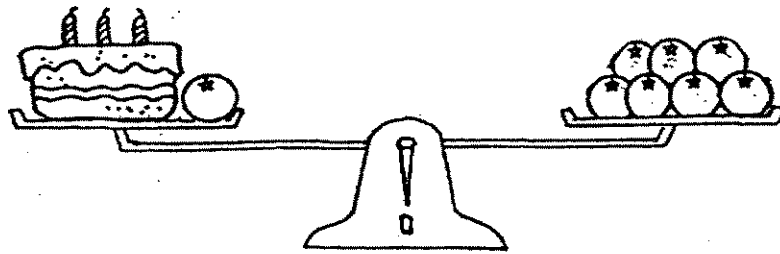
If the mass of each orange is 150 g, what is the mass of the cake?

(1)   800 g   (2)   900 g
(3)   1050 g   (4)   1200 g

17. Which of the following clock faces shows the hour hand and minute hand making a right angle?

(1)   A   (2)   B
(3)   C   (4)   D

5
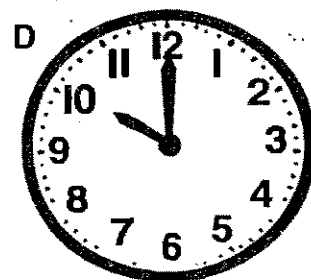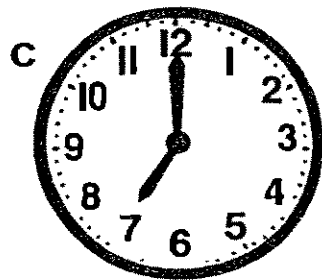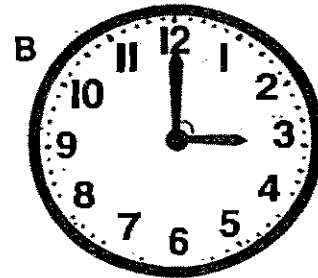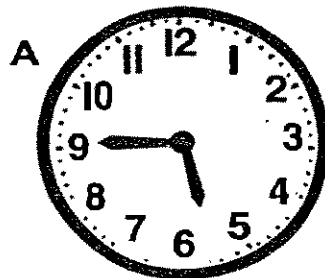
18.   Elvis started climbing a hill at 9.50 a.m. If he took 75 minutes to climb
       to the top of the hill, what time did he reach the top of the hill?

       (1)   8.35 a.m.   (2)   10.05 a.m.
       (3)   10.25 a.m.   (4)   11.05 a.m.

19.   Which of the following statements is true about A and B?

$$
\begin{array}{cccc}
  & 4 & 5 & 2 & \boxed{B} \\
- & & 3 & 8 & \boxed{A} & 3 \\
\hline
  & & 6 & 3 & 8 \\
\hline
\end{array}
$$

       (1)   B is greater than A.
       (2)   The sum of A and B is 9.
       (3)   A and B are both even numbers.
       (4)   The difference between A and B is 6.

20.   Margaret has 250 stickers left after giving 6 of her friends 89 stickers
       each. How many stickers did Margaret have at first?

       (1)   484   (2)   534
       (3)   734   (4)   784

6

Section B
Questions 21 to 40 carry 2 marks each.
Write your answers in the blanks provided.

(Total: 40 marks)

21.   Write 5 thousands, 4 tens and 43 ones in figures.

Answer : _____

22.   Use **all** the digits 7, 5, 2 and 0 to form the **smallest** four-digit **even** number.

Answer : _____

23.   Arrange the following numbers in descending order.

5124 , 5412 , 5214 , 5421

Answer : _____

24.   Last year, the library bought 3460 English books and 550 fewer Chinese books than English books. What was the total number of books bought?

Answer : _____

25.   What is the missing number in the box?

24 × 7 = 3 × ☐

Answer : _____

26.   Hubert had 757 sweets. He packed them into bags of 9 sweets. How many sweets were left over?

Answer : _____

27.   Express the following sum of money in cents.
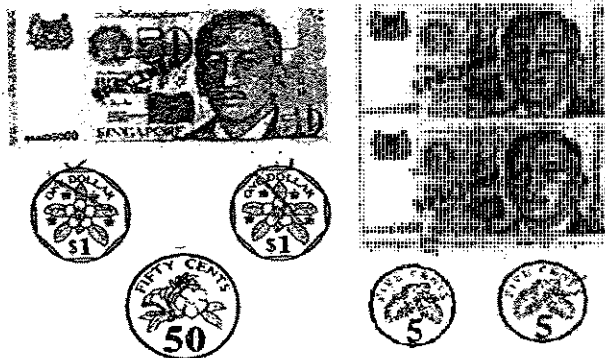
Answer : _____ ¢

28.   Ali had $100. He bought 2 books at $35.90 each and a calculator at $15.50. How much money had he left?

Answer : $___

29.　The distance between every 2 lamp posts is 200 m. Calculate the distance between the first and tenth lamp post. Give your answer in km and m.

Answer : _____ km _____ m

30.　A jar containing flour weighs 6 kg 459 g. If the flour weighs 3 kg 50 g, what is the mass of the empty jar?

Answer : _____ g

31.　To make lemonade, Marie used 850 ml of lemon syrup and twice as much water as the lemon syrup. How much lemonade would Marie get?

Answer : _____ ml

32.　Arrange the following fractions in order, beginning with the smallest.

$$\frac{4}{5}, \frac{4}{9}, \frac{4}{7}$$

Answer : _____

9

33.   Which of the following 2 figures have the same number of right angles in them?

A

B

C

D
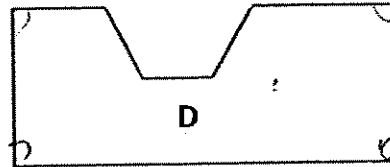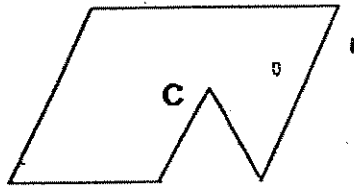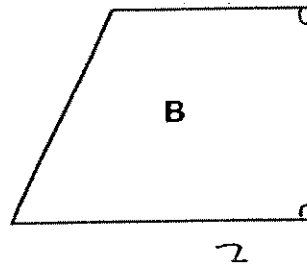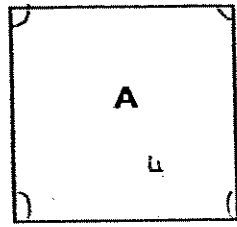
Answer : _____ and _____

34.   How many angles are there in the object below?

Answer: _____

10
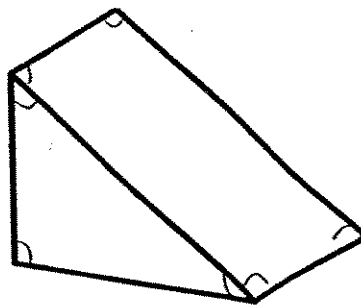
35. The figure below is made up of Square X and Rectangle Y. Find the perimeter of the figure.
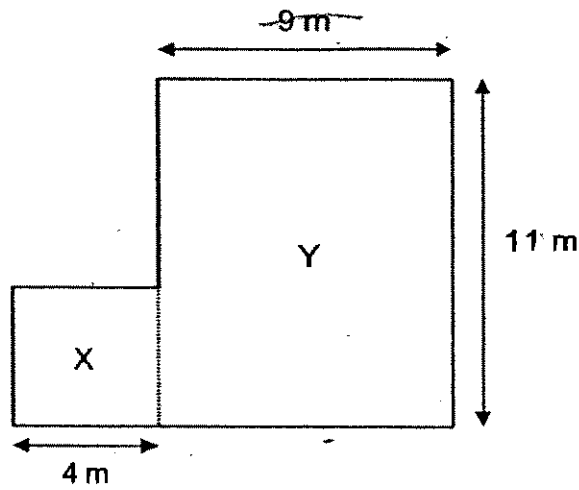
Answer : _____ m

36. Study Figures A and B carefully.
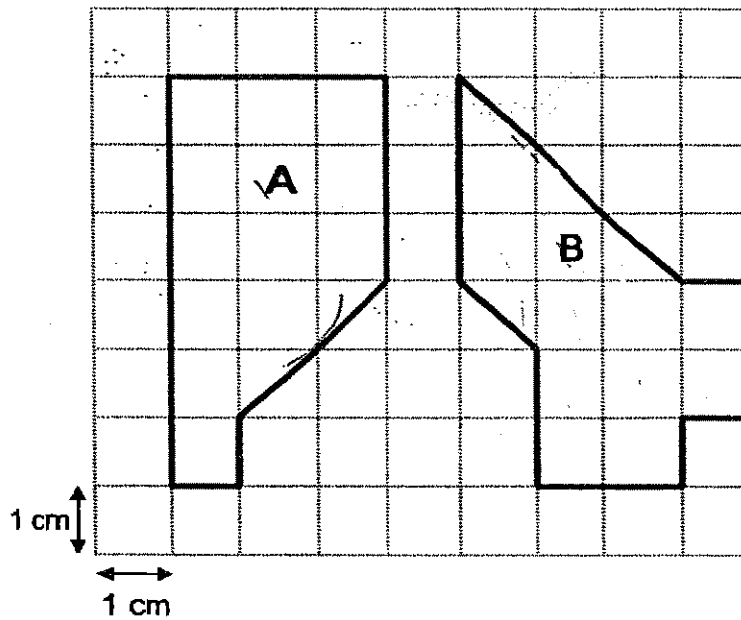
Which figure has a greater area?

Answer : Figure _____

11

37. Miss Loh had 2136 roses and 6722 tulips in the shop. After selling 3455 tulips, how many **more** tulips than roses did she have left?

Answer :

38. Subtract $\frac{1}{4}$ from the sum of $\frac{2}{3}$ and $\frac{1}{6}$. Give your answer in its simplest form.

Answer : _____

39. The graph below shows the number of pencil cases sold by 5 girls in a fund raising event.
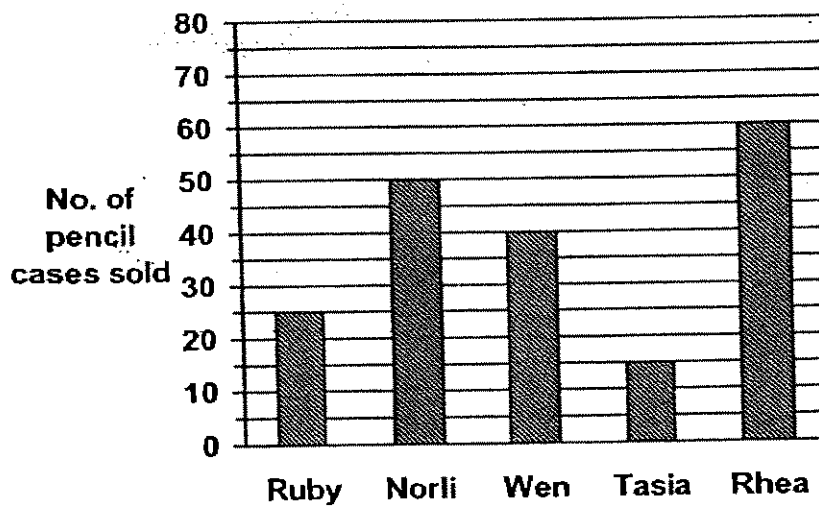
If each pencil case was sold for $4, how much was collected by Rhea and Tasia altogether?

Answer : $_____

12

40.   Figure Q is made up of a rectangle and 2 identical squares. Find the
      area of Square M if it has the same perimeter as Figure Q.
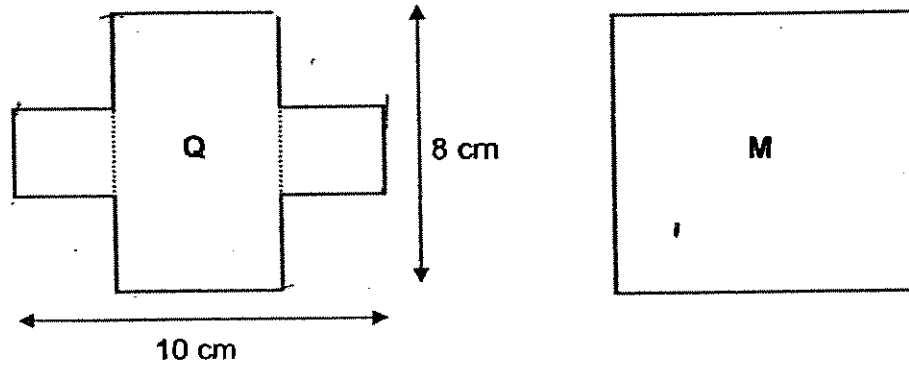
8 cm

10 cm

Answer : _____ cm^2

13

Section C
Questions 41 to 45 carry 4 marks each. Do these word problems carefully.
Show your working in the space provided.

(Total: 20 marks)

41.   Three similar pairs of soccer boots cost $120. 1 pair of soccer boots
      and 2 pairs of track shoes cost $240. How much does 1 pair of soccer
      boots and 1 pair of track shoes cost in total?

14

42.   Mr Tan spent $190.60 in a boutique. He bought a shirt, a pair of pants and 2 similar ties. He bought the shirt at $49.90. If the pair of pants cost $12.80 more than the shirt, how much was the cost of each tie?

43.   At 8.40 a.m., Aryan boarded a train at Town A to travel to Town D. It took him 2 h 15 min to reach Town B. From Town C to Town D, it took him 1 h 5 min.

8.40 a.m.
A
B
C
12.50 p.m.
D
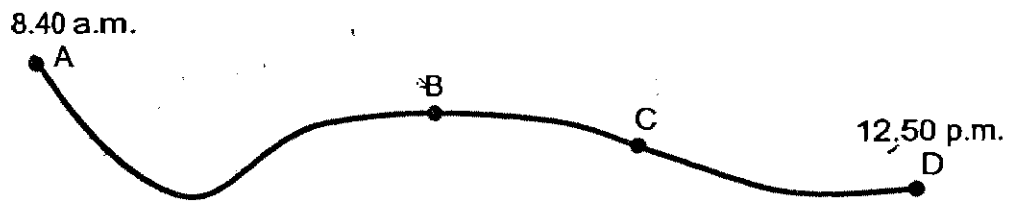
If Aryan reached Town D at 12.50 p.m.,

a)   what was the total time taken for him to travel from Town A to Town D?

b)   how long did the train take to travel from Town B, Town C?

16

44. Jake had 160 more marbles than Ling at first. After Jake gave away 230 marbles, Ling had twice as many marbles as Jake. How many marbles did Jake have at first?

17

45.   Abigail, Benny and Cathy have 550 marbles altogether. Abigail has thrice as many marbles as Benny. Cathy has 40 more marbles than Benny. How many more marbles does Abigail have than Cathy?

☺ End of Paper ☺
Please Check Carefully

Setters:
Mr Azman
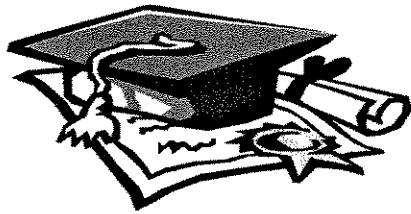
18

ANSWER SHEET

NANYANG PRIMARY SCHOOL – PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (2)

1. 4
2. 2
3. 1
4. 2
5. 1
6. 4
7. 3
8. 2
9. 4
10. 3
11. 1
12. 4
13. 1
14. 3
15. 2
16. 2
17. 2
18. 4
19. 2
20. 4
21. 5083
22. 2570
23. 5421,5412,5214,5124
24. 6370
25. 56
26. 1
27. 5660
28. $12.70
29. 1KM 800M
30. 3409g

31) 2 ι 550ml
32) 4/9,4/7,4/5
33) A and D
34) 18
35) 48m
36) A
37) 1130
38) 7/12
39) $300
40) 81cm2

41) $120÷3=$40
   $240-$40=$200
   $200÷2=$100
   $100+$40=$140
   It cost $140

42) $49.90+$12.80=$62.70
   $62.70+$49.90=$112.60
   $190.60-$112.60=$78
   $78÷2=$39
   Each tie cost $39

43) 12.50-8.40=4h 10min
   The total time taken was 4h 10min.
   2h 15min+1h 5min=3h 20min
   4h 10min-3h 20min=50min
   It took 50min to travel from Town B to Town C

44) 230-160=70
   70+230=300
   Jake had 300 marbles at first

45) 550-40=510
   510÷5=102
   102+40=142
   102x3=306
   306+102+142=550
   306-142=164
   Abigail has 164 more marbles than Cathy.
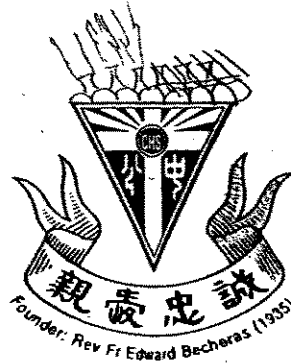
Catholic High School
End-Of-Year Examination 2007
Mathematics
Primary 3

100
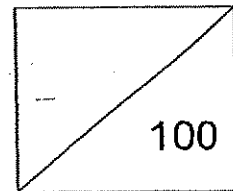
Name: _____(   )

Class: Primary 3 _____

Date: 25th October 2007

Duration: 1 h 30 min

Parent's Signature: _____

There are 3 sections consisting of **19 pages** in this paper.

Section A: Multiple-Choice Questions (MCQ)   20 x 2 marks

Section B: Open-Ended Questions   20 x 2 marks

Section C: Story Sums   5 x 4 marks

SECTION A: Multiple-Choice Questions (20 x 2 marks)

For each of the question from 1 to 20, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1.   How many tens are there in 5348?

     (1)   48
     (2)   348
     (3)   534
     (4)   4

2.   3762 is 985 more than _____.

     (1)   2777
     (2)   2877
     (3)   4647
     (4)   4747

3.   Find the product of 492 and 6.

     (1)   82
     (2)   498
     (3)   2952
     (4)   3056

4.   Express 175 minutes in hours and minutes.

     (1)   2 h 25 min
     (2)   2 h 45 min
     (3)   2 h 55 min
     (4)   3 h 15 min

1

5. Which one of the following diagrams has 3 pairs of parallel lines only?

    (1)
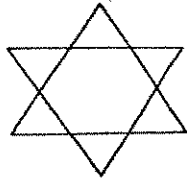
    (2)
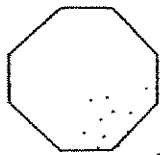
    (3)
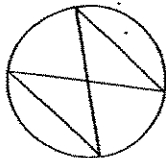
   (4)
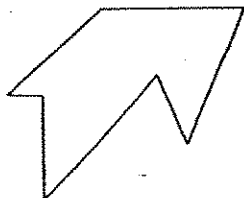
6. A fruit seller had 45 more durians than watermelons.
    After selling 168 watermelons, he had 23 watermelons left.
   How many durians did he have?

    (1) 146
    (2) 191
    (3) 213
    (4) 236

2

7. A bakery had 95 apple tarts and some egg tarts.
   After selling 286 tarts, there were 47 tarts left.
   How many egg tarts were there at first?

   (1) 142
   (2) 238
   (3) 239
   (4) 333

8. Mr. Tan wanted to pack some potatoes into packets of 6-
   potatoes each.
   After packing the potatoes, he had 9 packets and was left
   with 5 potatoes.
   How many potatoes did he have in all?

   (1) 39
   (2) 49
   (3) 54
   (4) 59

9. The length of the wooden plank AB is 45 cm.
   John wants to make cuts on the wooden plank at 9-cm intervals.
   How many cuts will he have made from A to B?

   45 cm
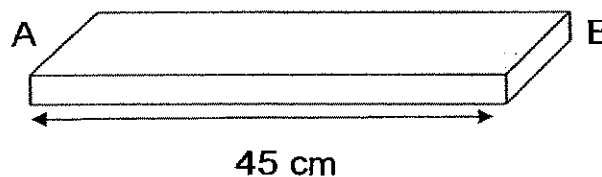
   (1) 5
   (2) 36
   (3) 54
   (4) 4

10.   Look at the picture below.
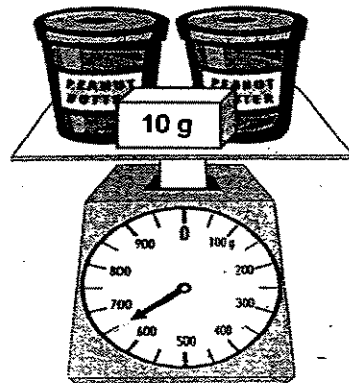
Given that the mass of both jars of peanut butter is the same, find the mass of 1 jar of peanut butter.

(1)   320 g
(2)   325 g
(3)   640 g
(4)   650 g

11.   Mrs. Ng spent $\frac{5}{12}$ h on mopping the floor and $\frac{1}{4}$ h on doing the laundry. How much time did she spend on both chores?

(1) $\frac{1}{6}$ h

(2) $\frac{1}{3}$ h

(3) $\frac{1}{2}$ h

(4) $\frac{2}{3}$ h

4

The graph below shows the number of children who keep pets in some classes. Use it to answer questions 12 and 13.


Classes
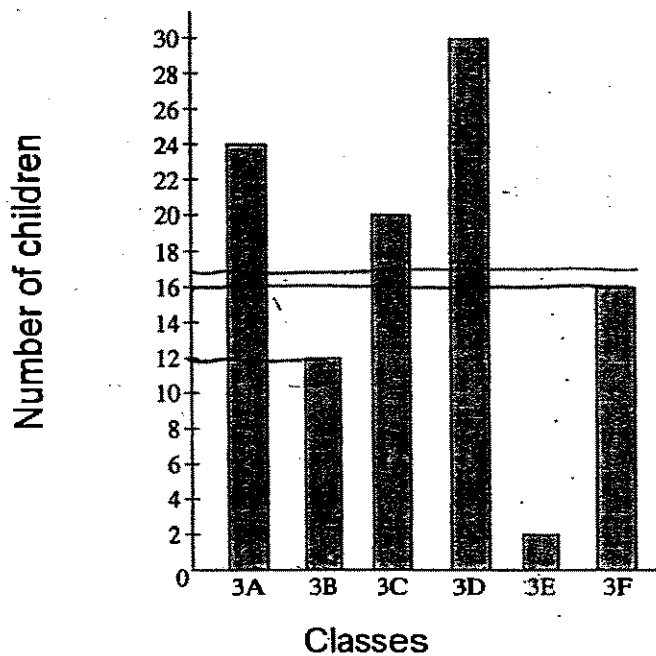
12. If there are 37 children in class 3F, how many children do not keep pets?

(1)   16
(2)   21
(3)   35
(4)   53

13. Which class has half as many children keeping pets as class 3A?

(1)   3B
(2)   3C
(3)   3D
(4)   3E

5

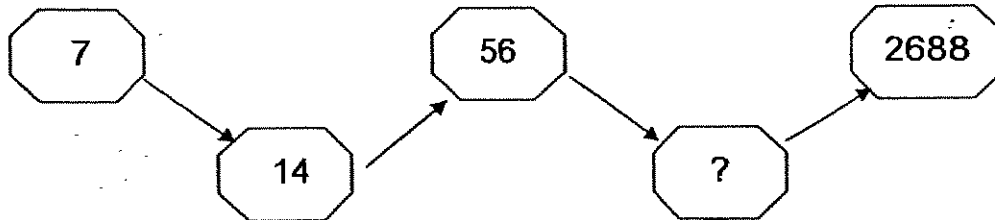14. The beaker shown below contains some water.
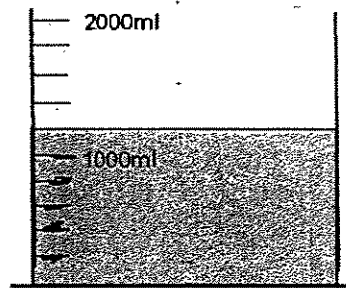
280 ml of water is added to the water in the beaker, how much water will there be in the beaker now?

(1)   920 ml
(2)   1250 ml
(3)   1380 ml
(4)   1480 ml

15. Find the shaded area of the figure below.
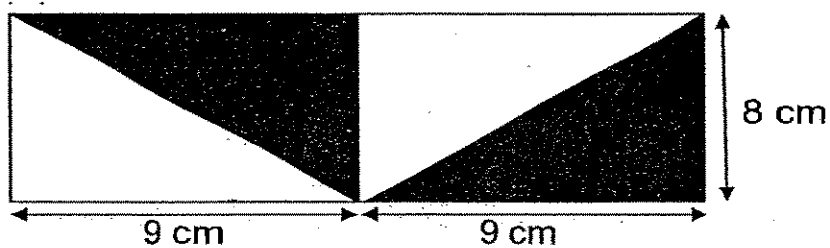
(1)   36 cm^2
(2)   52 cm^2
(3)   72 cm^2
(4)   144 cm^2

6
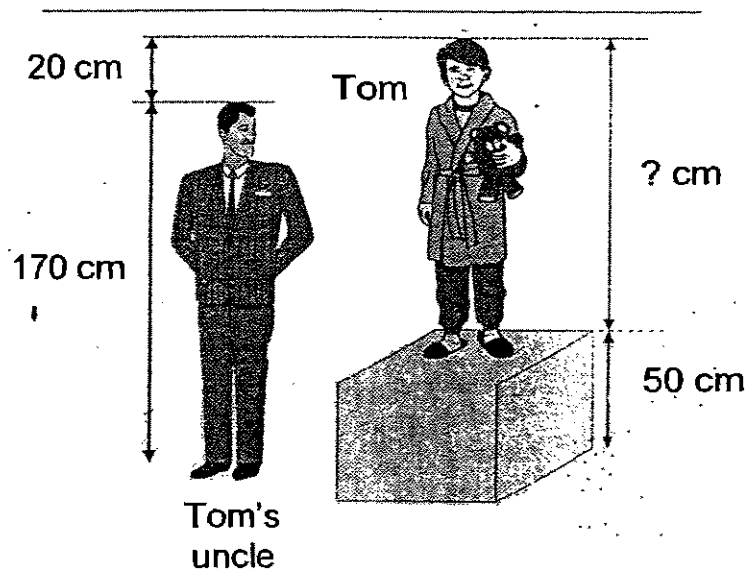
16. Study the pattern carefully. Find the missing number.

(1) 21
(2) 28
(3) 56
(4) 336

17. Li Da spilled some ink on a receipt.
What was the greatest total possible amount on the receipt?

Receipt
Toothpaste ---- $3.50
Detergent ---- $6.80
Toilet Roll ---- $4.␣␣

Total $15.␣5

(1) $15.05
(2) $15.15
(3) $15.25
(4) $15.95

18. What is the height of Tom?

20 cm

Tom

? cm

170 cm

50 cm

Tom's
uncle

(1) 50 cm
(2) 120 cm
(3) 140 cm
(4) 190 cm

19. The mass of a beaker of water filled to the brim was 650 g.
When half of the amount of water was poured out, the total mass
of the beaker of water became 410 g.
What was the mass of the empty beaker?

(1) 140 g
(2) 170 g
(3) 240 g
(4) 1060 g

20.   Terrence had some toys.

$\frac{1}{2}$ of the total number of toys were guns.

$\frac{1}{4}$ of the total number of toys were cars.

The rest were aeroplanes.

Given that there were 5 toy cars, how many toys did he have in all?

(1)   5
(2)   10
(3)   15
(4)   20

Please turn over to the next page.

9

SECTION B: Open-ended Questions (20 x 2 marks)
Show your working clearly in the space provided and write the correct answers in the answer boxes provided.

21. $18.90 + $43.55 = _____

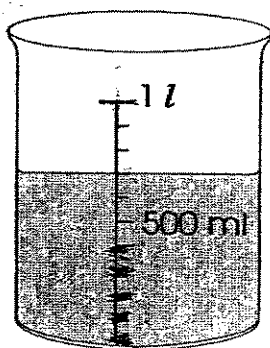| $ |
|---|

22. Fill in the blanks with "m" or "km".

a) Joe cycles 6 _____ to school every day.
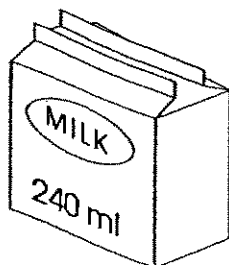
(a)

b) The height of a tree is 10 _____ tall.
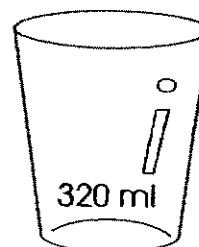
(b)

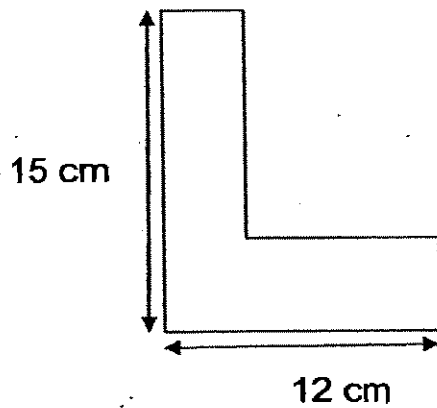23.

Beaker   Packet   Glass

The beaker contains some milk while the packet and the glass are empty. How much milk will be left in the beaker after filling some milk into the packet and the glass completely?

	ml

10

24. Find the perimeter of the figure below.

15 cm

12 cm

cm

25. How many odd numbers are there between 2356 and 2368?

26. A bottle can hold 426 ml of tomato juice. How much tomato juice can 8 such bottles hold?
Express your answer in litres and millilitres.

ml

27. Arrange the fractions in order, beginning with the greatest.

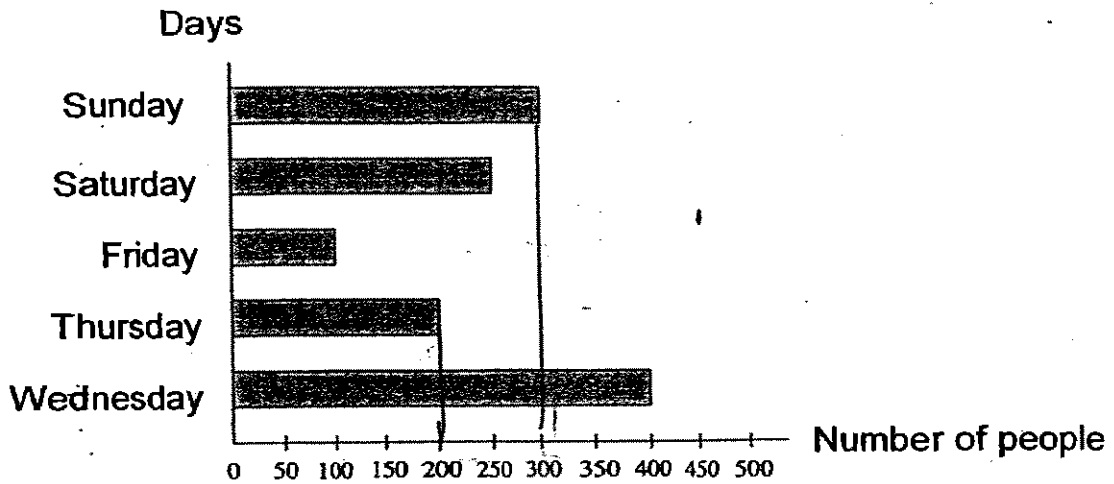$$\frac{1}{3}, \quad \frac{5}{6}, \quad \frac{3}{4}$$

Greatest

28. The table below shows the number of curry puffs sold by five shops in a week. Which three shops sold a total of 990 curry puffs?

|	Number of curry puffs sold
Shop A	125
Shop B	865
Shop C	399
Shop D	466
Shop E	373

29. Benny left his house for work at 8.50 a.m. He took 45 min to travel to work. At what time did he reach his office?

a.m.

12

30. The graph below shows the number of people at a swimming complex over five days.

Days

Sunday
Saturday
Friday
Thursday
Wednesday

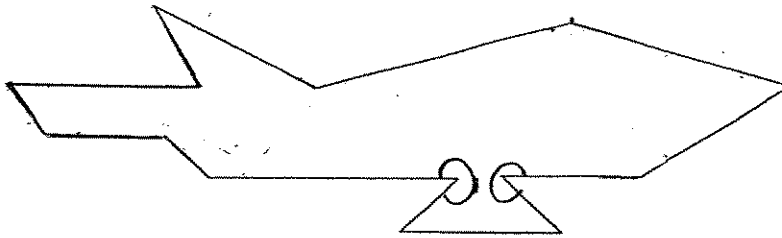0   50 100 150 200 250 300 350 400 450 500   **Number of people**

There were 100 fewer people who went to the swimming complex on Sunday than on _____.

31. By using all the digits as shown below, find the greatest difference.
Use all the digits once only.

2 3 4 5 6 7

| | ? | ? | ? |
| — | ? | ? | ? |

?
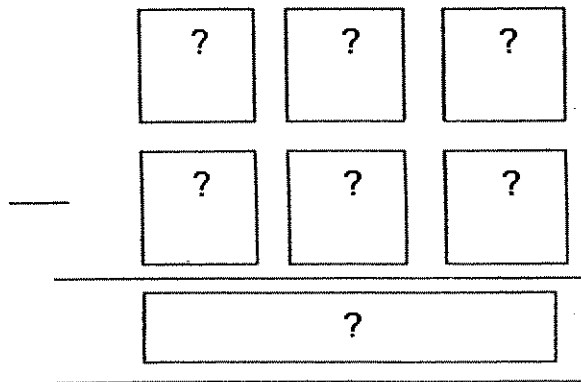
32.   Look at the figure below. How many angles are greater than a
       right angle **inside** the figure?

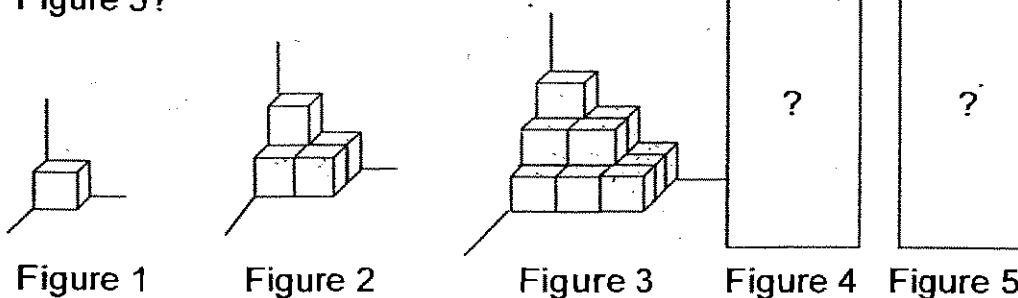| angles |
| --- |

33.   Evan cycled once around a rectangle field with a perimeter of
       500 m. If the length of the field is 180 m, find its breadth.

m

34.   Study the pattern carefully. How many cubes will there be in
       Figure 5?

Figure 1   Figure 2   Figure 3   Figure 4   Figure 5

cubes

14

35.   There are 6 teams playing in a badminton tournament. Each
       team is scheduled to play against every other team once. How
       many games are scheduled for the tournament?

<div style="border:1px solid black; width:200px; height:60px;"></div>

36.   960 adults were watching a soccer match at a stadium.
       There were 3 times as many men as women at the stadium.
       How many women were watching the soccer match?

<div style="border:1px solid black; width:200px; height:60px;">women</div>

37.   The area of square ABCD is 81 m².
       Find the area of BEFC if the length of BE is twice the length of AB.

<div style="border:1px solid black; width:200px; height:60px;">m²</div>

38.   Amy had 10 equal slices of cake. She gave $\frac{3}{5}$ of the total number
       of slices of the cake to her neighbour.

       How many slices of cake did she give to her neighbour?

<div style="border:1px solid black; width:200px; height:60px;">slices</div>

39.   Five trains leave the train station at equal intervals.
      The first train leaves at 7.20 a.m. and the last train leaves at
      10.20 a.m. How long is each interval?

min

40.   Danny had some money. He spent half of the money in the first
      week. He spent half of what was left in the second week and had
      $34 left. How much money did Danny have at first?

$

16

SECTION C: Story Sums (5 x 4 marks)
Solve the following story sums. All workings must be shown clearly.
Draw models if necessary.

41.   Grace, Eunice and Beautrice shared $240.
      Grace had twice as much money as Eunice.
      Eunice had thrice as much money as Beautrice.
      How much money did Beautrice have?

42.   Bruce had twice as many picture cards as Evan.
      After Bruce had lost 180 picture cards, Evan had thrice as
      many picture cards as Bruce.
      How many picture cards did Bruce have at first?

17

43. The total mass of a bottle of chilli sauce and a bottle of tomato
     sauce is 450 g. The mass of the bottle of chilli sauce is 80 g
     heavier than the bottle of tomato sauce.
     What is the mass of the bottle of tomato sauce?

44. Mark and Spencer nad $246 and $150 respectively. How much
     money must Mark give to Spencer so that both of them would
     have the same amount of money?

18

45.   Amanda finished her work at 3.20 p.m. according to her watch. Her watch was 25 minutes fast.

She worked for 3 h 15 min.

(a)   What was the actual time she finished her work?

(b)   What was the actual time she started her work?

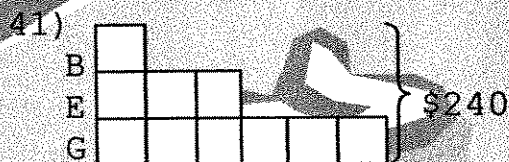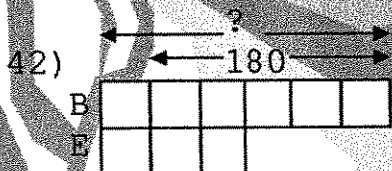**END OF PAPER**

☺ *Please check your work.* ☺

ANSWER SHEET

CATHOLIC HIGH PRIMARY SCHOOL - PRIMARY 3 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (2)

1. 3
2. 1
3. 3
4. 3
5. 1
6. 4
7. 2
8. 4
9. 4
10. 1
11. 4
12. 2
13. 1
14. 4
15. 3
16. 4
17. 3
18. 3
19. 2
20. 4
21. $62.45
22. a)km   b)M
23. 140ml
24. 54cm
25. 6
26. 3L408ml
27. 5/6,3/4,1/3
28. C,D,A
29. 9.35a.m.
30. Wednesday

31) 531
32) 9 angles
33) 70m
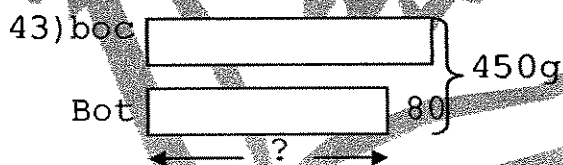34) 55 cubes
35) 15 games
36) 240 women
37) 162m2
38) 6 slices
39) 45min

40) $34x2=$68
    $68x2=$136

41)

```
B  ┌──┐
E  ├──┼──┬──┐              }$240
G  └──┴──┴──┴──┴──┘
```

10u→$240
1u→$240÷10=$24
Beautrice had $24

42)

```
        ?
   ┌─────────────┐
   ┌──180──┐
B  ┌──┬──┬──┬──┬──┐
E  └──┴──┴──┘
```

5u→180
1u→180/5=36
6u→36x6=216
Bruce had 216 picture cards at first

43)

```
boc ┌─────────────┐
    │             │ }450g
Bot ┌─────────┐80│
    └─────────┘
       ?
```

45g-80g=370g
370g÷2=185g
The mass of the tomato sauce is 185g.

44)$246-$150=$96
   $96÷2=$48
   Mark must give $48 to Spencer.

45)a)The actual time is 2.55pm.
   b)The actual time she started work is 11.40a.m
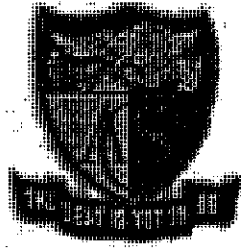
Anglo-Chinese School (Primary)

P3 MATHEMATICS 2007

END-OF-YEAR EXAMINATION

BOOKLET A

Name: _____ ( )   Class: Primary 3 __

Date: 30 October 2007   Duration of paper: 1 h 45 min

THIS BOOKLET CONTAINS 4 PAGES.
DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.

SECTION A - Multiple Choice Questions (20 MARKS)

Questions 1 to 10 carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1. The digit 3 in 6 327 stands for _____.

    (1) 3
   (2) 30
    (3) 300
    (4) 3 000

2. What is the value of 9 thousands, 4 hundreds, 6 tens and 1 one?

    (1) 9 164
    (2) 9 416
    (3) 9 461
    (4) 9 641

3. Joe has 30 stickers. He has three times as many stickers as Farhan. How many stickers do they have in all?

    (1) 10
    (2) 15
    (3) 30
    (4) 40

4. Mary has 8 stamps altogether. Some are 10-cent stamps and others are 50-cent stamps. Which one of the following cannot be the total value of stamps Mary has?

    (1) $1.20
    (2) $2
   (3) $2.40
    (4) $3.10

1

5.   In a race, a participant cycles 6 km and runs 4 000 m. What is the total distance covered in this race?

     (1)   10 km

     (2)   64 km

     (3)   4 006 km

     (4)   10 000 km

6.   8 030 g is the same as _____.

     (1)   8 kg 3 g

     (2)   8 kg 30 g

     (3)   80 kg 3 g

     (4)   80 kg 30 g

7.   A bottle contains 1.5 l of water. Mother pours out 2 glasses of 350 ml of water from it. How much water is left in the bottle?

     (1)   700 ml

     (2)   800 ml

     (3)   850 ml

     (4)   1 l 150 ml

8.   A movie started at 10.45 a.m. The movie lasted for 2 hours and 20 minutes. What time did the movie end?

     (1)   11.05 a.m.

     (2)   12.45 a.m.

     (3)   12.45 p.m.

     (4)   1.05 p.m.

2

9. The figure below is a square made up of four parts, A, B, C and D. C and D are squares and each is $\frac{1}{4}$ of the figure.
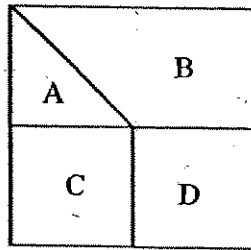
Which of the following two parts will add up to form $\frac{5}{8}$ of the figure?

(1)   A and B

(2)   B and C

(3)   C and D

(4)   D and A

10. What is the area of Figure S?
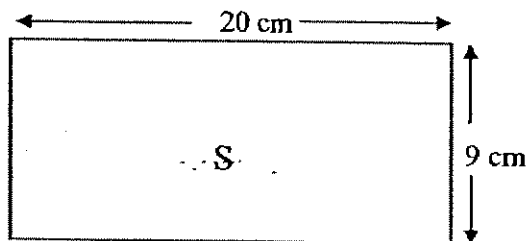
(1)   18 cm²

(2)   29 cm²

(3)   58 cm²

(4)   180 cm²

3

SECTION B - Short Answers (40 MARKS)

Questions 11 to 30 carry 2 marks each. Show all workings clearly.
Write your answer in the space provided. Give your answers in the units stated and in its simplest form whenever possible.

11. What is the **smallest** 4-digit **even** number that can be formed using the digits 2, 5, 8 and 9?

_____

12. The sum of two numbers is 340. If the bigger number is 210. What is the value of the smaller number?

_____

13. Part of the table below was accidentally torn off. The table shows the salaries of the employees from T SQUARE company.

Employee Name	Salary
Daniel	$2 095
Mark	$2 785
Timothy	$2 560
Peter	

If T SQUARE company has to pay out a total amount of $9 800 as salary to the 4 employees, what is Peter's salary?

_____

4

14. Melvin has twice as many pencils as Ali. Zachary has four times as many pencils as Ali. If Ali has 3 pencils, how many pencils do the three boys have in all?

15. Find the <u>quotient</u> when 16 tens and 18 ones is divided by 6.

16. .. Li Wen bought some lollipops. He gave 4 lollipops to his friend. He then put the rest of the lollipops equally into 3 bags. There were 5 lollipops in each bag. How many lollipops did Li Wen buy?

17. Henry paid $5.60 for 7 similar notebooks. He bought a pencil which cost half as much as a notebook. How much did he pay for the notebooks and the pencil altogether?

$ _____

18. The table shows the lengths of 4 types of ribbon. Which type of ribbon is the longest?

Types of Ribbon	Length
A	200 m
B	3 000 cm
C	1 km
D	1 600 m

Ribbon ___   ___

19. The mass of Parcel A is 3 035 g. The mass of Parcel B is 280 g lighter than Parcel A. What is the mass of Parcel B? Write your answer in kg and g.
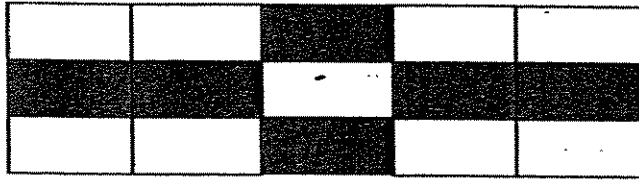
_____ kg _____ g

20. There are 3 packets of sugar. The total mass of packets A and C is 25 kg. The total mass of packets B and C is 30 kg. If C has a mass of 16 kg, what is the total mass of packets A and B?

_____ kg

21. Arrange the following fractions in **descending** order.

$$\frac{2}{3} \,,\ \frac{2}{9} \,,\ \frac{3}{4}$$

_____

6

22. How many **more** rectangles must be shaded so that $\frac{2}{3}$ of the figure is shaded?
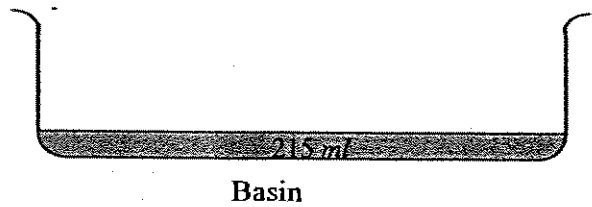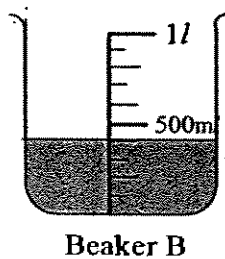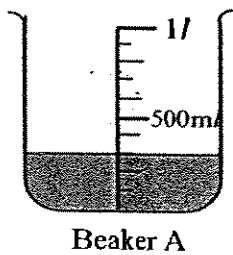
_____ more rectangles

23. A bottle holds 260 ml of fruit juice when it is a quarter full. How much fruit juice can it hold when it is completely full?

_____ l _____ ml

24. What is the total volume of water in the basin when the water in the two beakers are poured into the basin?

Beaker A   Beaker B   Basin
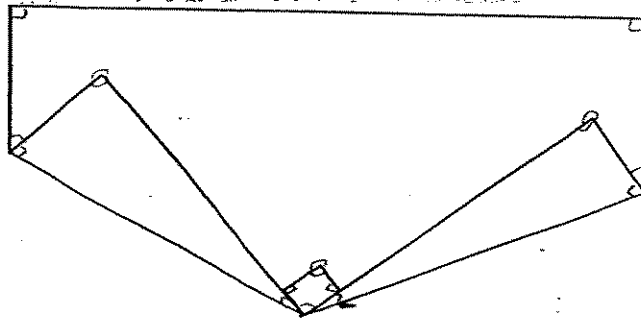
_____ ml

25. The breadth of a rectangle is 8 cm. Its length is twice of its breadth. Find the perimeter of the rectangle.

_____ cm

7

26. A rectangular piece of paper is folded at two of its corners. How many right angles can be observed in the figure formed?

This graph shows the different number of stickers 4 children have. Each ▼ represents a certain number of stickers.
For questions 27 and 28, refer to the following graph.

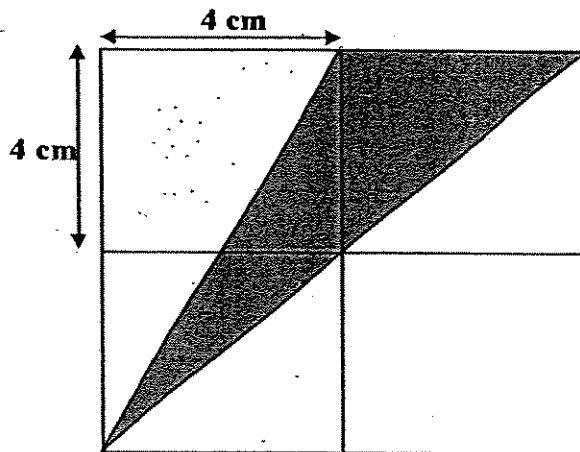|			
	▼		
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	▼		▼
▼	▼		▼
▼	▼		▼
▼	▼	▼	▼
James	**Polly**	**David**	**Jay**

27. James has 15 stickers. How many stickers does David have?

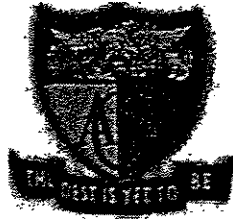28. Who has 20 stickers less than Polly?

8

29. Five years ago, Eric was 16 years old. How old will he be in 2 years' time?

_____ years old

30. The figure is made up of 4 identical squares of side 4 cm. Find the area of the **shaded figure**.

_____ cm²

9

Anglo-Chinese School (Primary)

P3 MATHEMATICS 2007

END-OF-YEAR EXAMINATION

BOOKLET B

Name: _____ (   )   Class: Primary 3 ____

Date: 30 October 2007   Duration of paper: 1 h 45 min

_____

Parent's/Guardian's signature

Section	Maximum Marks	Marks Obtained
A. Multiple Choice Questions	20	
B. Short Answers	40	
C. Problem Sums	40	
Total Marks	100	
Parent's/Guardian's signature		

THIS BOOKLET CONTAINS [ ] PAGES.
DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.

SECTION C - Problem Sums (40 MARKS)

For each question from 31 to 40, show your working and mathematical statements clearly in the space below each question. Write your answer in the answer space provided. Give your answers in the units stated and in its simplest form whenever possible. Marks awarded are shown in the brackets.

31.   Kaven has $1 498 in his savings. He has $529 more than Albert. How much do they have altogether? (4 marks)

32.   Peter has 45 marbles more than Mark. Tom has 20 marbles less than Mark. If the three boys have a total of 175 marbles, how many marbles does Tom have? (4 marks)

10

33. Mr Tan bought 4 similar T-shirts and a pair of trousers. He paid $150 to the cashier and received $9 change. If the pair of trousers costs $69, find the cost of each T-shirt. (4 marks)

34. Mary has a ribbon, 12 metres longer than Alice's ribbon. If Mary gives 4 metres of her ribbon to Alice, how much longer will Mary's ribbon be than Alice's? (4 marks)

11

35. Mark sat on a chair in the concert hall. There were 4 chairs to his right and 7 chairs to his left. There were 5 rows in front of him and 4 rows behind him. If there were same number of chairs in each row, how many chairs were there in the concert hall? (4 marks)
(Hint: Draw a diagram)

36. Mr Lim is five times as old as Phillip. He is 52 years older than Phillip. How old will Phillip be in 8 years' time? (4 marks)

12

37. A bus driver transporting workers to work at Tuas started his journey from Ang Mo Kio at 7.15 a.m. He took 1 h 20 min to pick up all the workers. Then he took another 35 min to reach Tuas. At what time, did he arrive at Tuas? (4 marks)

38. A jug of orange juice can fill 4 large mugs. A large mug can fill 5 small cups. How many jugs of orange juice are needed to fill 140 small cups? (4 marks)

13

39. Mother has some money to buy beef. She will have $15 left if she buys 3 kg of beef. However, she will need $3 more if she wants to buy 4 kg of beef instead. How much money does Mother have? (4 marks)

40. Mr Lee has to cover a rectangular path, 240 cm long by 30 cm wide, with identical rectangular tiles by using the tiling pattern shown below.

30 cm

1 tile

60 cm

30 cm

240 cm
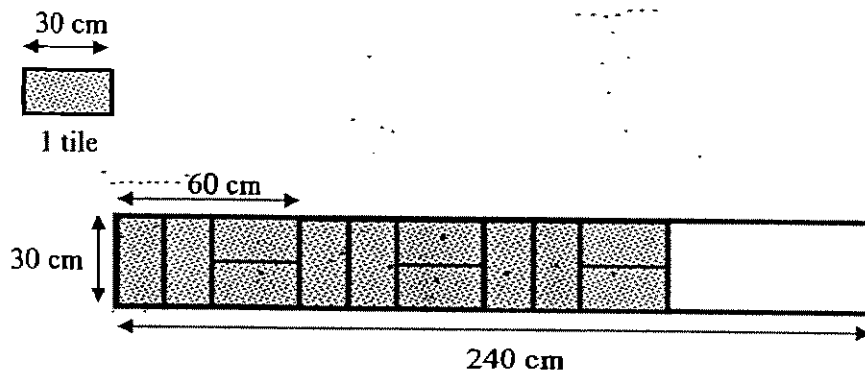
a) What is the breadth of 1 tile? (2 marks)

b) How many tiles did he use altogether to cover the rectangular path? (2 marks)

~ End of Paper ~

Setter : Mrs M Tan
Vetters : P3 Math teachers

14
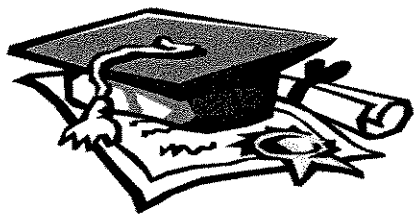
ANSWER SHEET

A C S PRIMARY SCHOOL   - PRIMARY 4 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (2)

---

1. 3
2. 3
3. 4
4. 4
5. 1
6. 2
7. 2
8. 4
9. 2
10. 4
11. 2598
12. 130
13. $2360
14. 21
15. 29
16. 19
17. 6
18. D
19. 2kg 755g
20. 23kg
21. ¾, 2/3, 2/9
22. 4
23. 1L 40ml
24. 915ml
25. 48cm
26. 5
27. 5
28. Jay
29. 23
30. 16cm2

31) 1498-529=969
    969+1498=2467
    They have $2467 altogether.

32) 175-20=155
    155-45=110
    110-20=90
    90÷3=30
    Tom has 30 marbles

33) $150-$9=$141
    $141-$69=$72
    $72÷4=$18
    The cost of each T-shirt
    is $18

34) 12-4-4=4
    Mary's ribbon will be 4cm
    longer than Alice

35) 4+7+1=12
    12x10=120
    There were 120 chairs.

36) 52÷4=13
    13+8=21
    Phillip will be 21 years
    old in 8 years time.

37) 7.15am   8.55am   8.55am   9.10am
    |——13——|——20min——|——35min——|
    7.15am   8.55am   9.10am

He arrive at Tuas at 9.10am

38) $140 \div 5 = 28$
$28 \div 4 = 7$
7 jugs are needed to fill up 140 small cups

39) $15 + 3 = 18$
$18 \times 3 = 54$
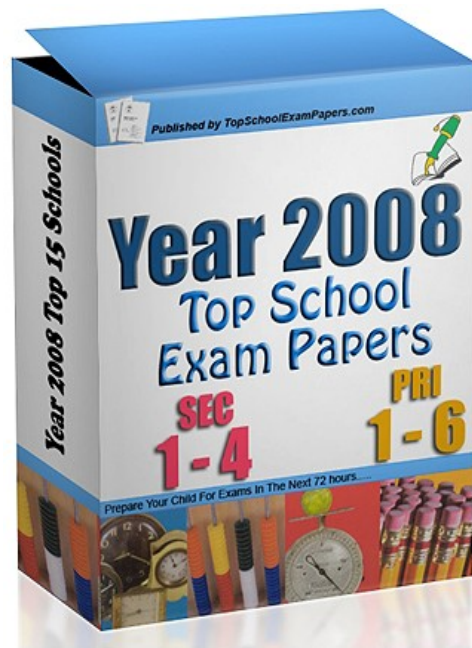$54 + 15 = 69$
Mother has $69

40) a) $30 \div 2 = 15$
The breath of 1 tile is 15cm
b) $240 \div 60 = 4$
$4 \times 4 = 16$
He used 16 tiles altogether to cover the rectangular path.

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