NAN HUA PRIMARY SCHOOL
MID-YEAR EXAMINATION – 2005
MATHEMATICS
PRIMARY THREE

Name : _____

Class : Pr 3 _____

Date : 10 May 2005

Duration : 1 hour 45 min

| | 100 |

Parent's Signature

Section A: Multiple Choice Questions (20 × 2 marks)
Choose the correct answer for each question and write its number in the brackets provided.

1. In the number 8 150, the digit '5' is in the _____ place.

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

2. $3\,000 + \boxed{} + 50 + 2 = 3\,652$

    The missing number in the box is _____.

    1) 6
    2) 60
    3) 600
    4) 6 000   (   )

3. Four thousand, seven hundred and nine is the same as _____.

    1) 4 079
    2) 4 709
    3) 7 409
    4) 7 904   (   )

4. Which one of the following numbers has the **largest** value?

    1) 3 607
    2) 3 670
    3) 6 730
    4) 6 703

    (   )

5. What would you get if you add all the <u>odd</u> numbers between 10 and 20?

    1) 15
    2) 30
    3) 75
    4) 105

    (   )

6. The difference between 1 405 and 5 017 is _____.
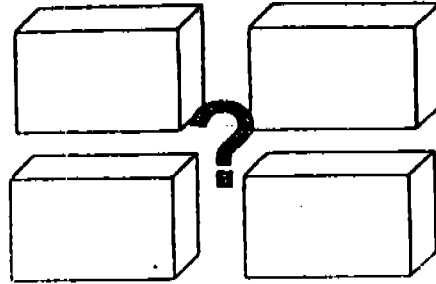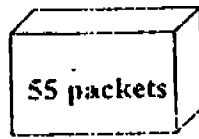
    1) 3 612
    2) 4 412
    3) 4 612
    4) 6 422

    (   )

7. 4 × 5 is the same as _____.

    1) 4 + 4 + 4 + 4
    2) 4 × 4 × 4 × 4
    3) 5 + 5 + 5 + 5
    4) 5 × 5 × 5 × 5

    (   )

2

16

8.

There are 55 packets of instant coffee in each box.
How many packets of coffee are there in 4 such boxes ?

1) 110
2) 165
3) 220
4) 275   (   )

9.   Subtract 30 tens from 3 thousands. The answer is _____

1) 2 700
2) 2 970
3) 3 030
4) 3 300   (   )

10.   Johnny has 6 goldfish. He has 4 times as many guppies as
      goldfish. What is the total number of fish that he has?

1) 10
2) 20
3) 24
4) 30   (   )

3

11. Which of the following can be divided by 2 without leaving a remainder?

   1) 257
   2) 275
   3) 527
   4) 572   (   )

12. There are 246 girls and 5 times as many boys in a hall. How many more boys than girls are there?

   1) 251
   2) 984
   3) 1 230
   4) 2 214   (   )

13. Ten dollars and twenty cents written in cents is _____ cents.

   1) 102
   2) 1 002
   3) 1 020
   4) 1 200   (   )

14. If 8 × 9 = 144 ⬜ 2 , what is the missing sign ?

   1) +
   2) −
   3) ×
   4) ÷   (   )

4

15. 3 girls and 2 boys won a $30 cash prize. Each child would get _____
    if they shared the cash equally among themselves.
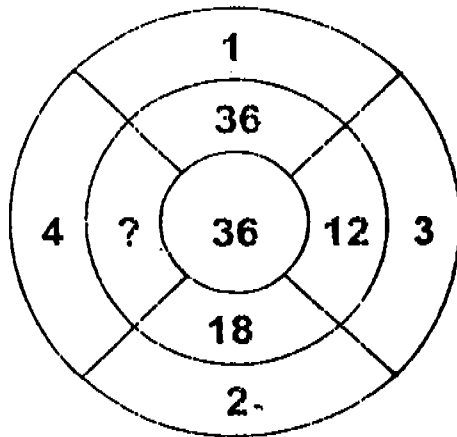
    1) $6
    2) $10
    3) $15
    4) $35   ( )

16. Mrs Annie Lu bought 8 similar pens for $ 72, how much did
    each pen cost ?

    1) $ 8
    2) $ 9
    3) $ 64
    4) $ 80   ( )

17. Find the missing number in the diagram .

    1) 72
    2) 32
    3) 18
    4) 9   ( )

5

18. Anne is 159 cm tall. Benedict is 3 cm shorter than Anne. Cindy is 4 cm taller than Benedict. How tall is Cindy ?

    1) 152 cm
    2) 158 cm
    3) 160 cm
    4) 166 cm   (   )

19. Which of the following amount of money is the **largest** ?

    1) 8 fifty-cent coins
    2) 2 one-dollar coins
    3) 16 twenty-cent coins
    4) 35 ten-cent coins   (   )

20.

shirt   cap → $13.80

Mike bought a cap and a shirt. He spent $ 45.60.
How much does the shirt cost ?

    1) $ 21.80
    2) $ 31.80
    3) $ 32.20
    4) $ 59.40   (   )

6

Section B: Open-Ended Questions (20 × 2 marks)

Write the correct answers for the following questions in the boxes provided.
Give your answers in the units stated.

21.   Write 7 512 in words.

┌───┐
│   │
│   │
│   │
└───┘

22.   Arrange the following numbers from the smallest to the greatest :

<p style="text-align:center">3 815 ,   8 135 ,   1 538 ,   3 518</p>

┌───┐
│   │
│   _____ , _____ , _____ , _____ , │
└───┘

23.   What is the sum of 142 and 1 507?

┌──────────┐
│   │
└──────────┘

24.   Edmund had 563 stamps. He gave his brother 128 stamps.
       How many stamps had he left?
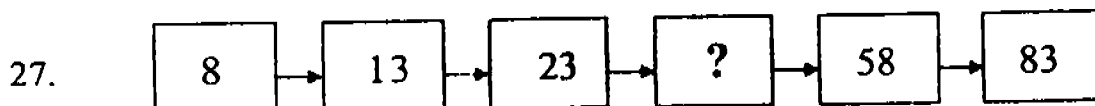
┌──────────┐
│   │ stamps
└──────────┘

7

25. The advertisement below shows the prices of 4 tour packages. What is the difference in prices between the most expensive and cheapest tour package?

Tour Packages		
3-Day 2-Night	Hong Kong	$668
3-Day 2-Night	Penang	$370
3-Day 2-Night	Tokyo	$890
3-Day 2-Night	Jakarta	$488

$ [   ]

26. The sum of two numbers is 375. The difference between the two numbers is 25. What is the smaller number?

[   ]

27.

| 8 |→| 13 |→| 23 |→| ? |→| 58 |→| 83 |

What is the missing number in the box ?

[   ]

.8

28. 6 children shared 20 lollipops. If each child got the same number of lollipops, how many lollipops were left over?

| | lollipops

29. How many ten-cent coins and 7 twenty-cent coins make $2.50 ?

| | ten-cent coins

30. $\bigstar + \bigstar + \bigstar + \triangle + \triangle + \triangle + \triangle = 36$

If $\bigstar = 4$, what is the value of $\triangle$?

| |

31. How many tens are there in 320 ?

| | tens

32. 4 travelling bags are sold for $96.
How much will 6 similar bags cost?

$ | |

9

33. When 124 is divided by 6, the quotient is _____.

<div style="border:1px solid black; width:150px; height:70px;"></div>

34. Edmund and his 5 friends shared 30 marbles equally.
    How many marbles did each child get ?

<div style="border:1px solid black; width:150px; height:70px;"></div> marbles

35. A jar contains 12 cookies.
    How many cookies are there in 6 such jars ?

<div style="border:1px solid black; width:150px; height:70px;"></div> cookies

36. Mrs Tan is ordering 12 sticks of satay for each member of her
    family. Including herself, there are 7 people in her family.
    How many sticks of satay will she need to order?

<div style="border:1px solid black; width:150px; height:70px;"></div> sticks
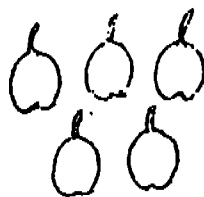
10

37. $9 \times 9 = 90 - \boxed{?}$

What is the missing number in the box?

[   ]

38. John, Kin Meng and Sam have 9 toy cars each.
How many toy cars have they altogether ?

[   ] toy cars

39. Mike bought 10 pears and 1 bunch of bananas.
How much do the fruits cost altogether?

banana
$1.30

pears
5 for $3.30

$ [   ]

40. Mr Rosnan earns $350 in 7 days. If he earns the same amount every
day, how much does he earn in 1 day ?

$ [   ]

11

Section C : Problem Sums (5 × 4 marks)

Answer all the questions. All number sentences, statements and workings must
be clearly shown.

41. During a fun fair, 1 350 game coupons were sold on Saturday.
120 more game coupons were sold on Sunday than Saturday.
Find the total number of game coupons sold on these two days?

42. 5 classes of pupils went on an excursion. There were 40
pupils in each class. Each pupil paid $2 for the transport.

   a. How many pupils went on the excursion?
   b. How much did they pay for the transport altogether?

12

43. Jason has 5 story books. Andy has 6 times as many story books as Jason. Ming has 14 story books less than Andy.

   a. How many books does Ming have?
   b. How many books do they have altogether?

44. Mr Thomson baked 102 cup cakes. He gave 12 of them to his neighbour. He then packed the remaining cup cakes into boxes of 8
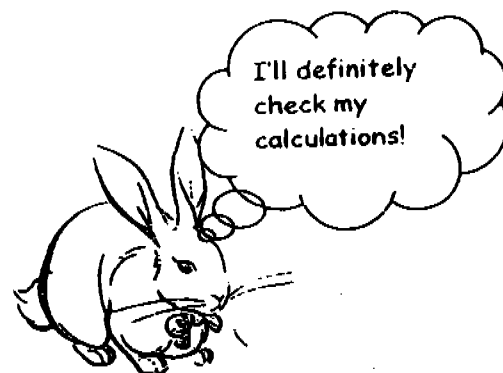
   a. How many boxes contained 8 cup cakes each?
   b. How many cup cakes were left over?

13

(45) Susan bought 2 similar files and 2 similar pens.
One file cost $1.40 more than a pen. She paid $10.80 altogether.

   a.   What was the cost of 1 pen?
   b.   How much would she have to pay for 2 such files ?

The End

I'll definitely check my calculations!

14

NAN HUA PIMARY SCHOOL
PRIMARY 3 MATHEMATICS 2005
SEMESTRAL ASSESSMENT 1

ANSWER SHEEETS

1. 2
2. 3
3. 2
4. 3
5. 3
6. 1
7. 3
8. 3
9. 1
10. 4
11. 4
12. 2
13. 3
14. 4
15. 1
16. 2
17. 4
18. 3
19. 1
20. 2
21. seven thousand, five hundred and twelve
22. 1538,3518,3815,8135
23. 1649
24. 435
25. $520
26. 175
27. 38
28. 2
29. 11
30. 6
31. 32
32. $144
33. 20
34. 5
35. 72
36. 84
37. 9
38. 27
39. $8.40
40. $50

41. 1350+120=1470
   1470 game coupons were sold on Sunday
   1470+1350=2820
   2820 game coupons were sold on Saturday and Sunday.

42. a) 5x40=200
   200 pupils went on the excursion
   b) 200x2=$400
   They paid $400 for transport altogether

43. a) 30-14=16
   Ming has 16 story books.
   5x6=30
   Andy has 30 story books
   b) 5+30+16=51
   They have 51 story books altogether

44. a) 102-12=90
   90/8=11R2
   11 boxes contained cupcakes each.
   b) 2 cupcakes were left over.

45. a) $1.40x2=$2.80
   $10.80-$2.80=$8.00
   $8.00/4=$2
   the cost of 1 pen is $2
   b) $2.00+$1.40=$3.40
   $3.40x2=$6.80
   She would have to pay $6.80 for two such files.