SA1

Maha Bodhi School
2004 Semestral Assessment 1
Mathematics

Name :_____(   )

Class : Primary 2 (   )   Date :   14-05-2004

Duration : 1h 45 min   Parent's signature :_____

Section A (10 x 2 marks)
For each of the following questions , choose the correct answer and write its number (1,2,3 or 4) in the brackets provided.
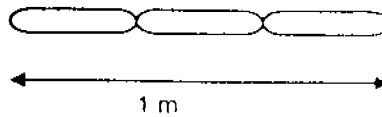
1.   273 is 20 tens more than _____ .

    1)   293
    2)   473
    3)   253
    4)   73   (   )

2.   617 = (5 hundreds) ____ tens (7 ones)

    500   *7*

    1)   1
    2)   10
    3)   11
    4)   110   (·)

3.   Subtract 188 from 357. The answer is

    1)   131
    2)   169
    3)   231
    4)   545   (   )

4.   25 ◯ 5   =   5.   What is the missing sign?

    1)   +
    2)   -
    3)   x
    4)   ÷   (   )

1

5. Mrs Tan had 48 brown eggs and 42 white eggs. After using some of the eggs to make pancakes, she had 30 eggs left. How many eggs did she use for the pancakes?

   1) 30
   2) 60
   3) 90
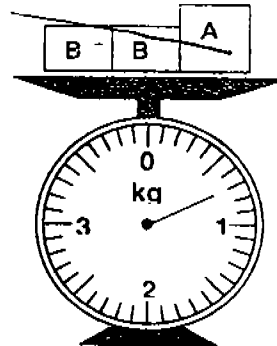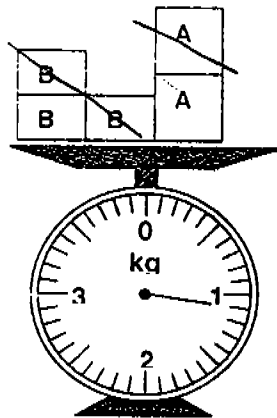   4) 120   (   )

6. Sean used a stick to measure the length of a playground. He found that the length of 3 such sticks was **one metre**. He used **27 sticks** to cover the length of the playground. What was the length of the playground?

   1) 1 m
   2) 4 m
   3) 3 m
   4) 9 m   (   )

   1 m

7.

   The total ~~weight~~ mass of Box A and Box B is _____ g.

   1) 700
   2) 400
   3) 300
   4) 100   (   )

2

8.   **4 x 3** is the same as _____.

    1)   3 x 2 x 2
    2)   3 + 3 + 3
    3)   4 + 4 + 4+ 4
    4)   1 x 2 x 3 x 4   (   )

9.   How many **five- cent** coins make **$1.85**?

    1)   17
    2)   20
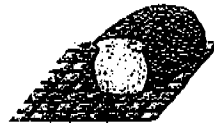   3)   27
    4)   37   (   )

10.

| $2 salt shaker | $3 cupcake | $4 bread | $6 jam |

Mrs Quek paid $30 for 5 things of the **same** kind. Mrs Teo also paid $30 but she bought 10 things of the **same** kind. What did Mrs Quek and Mrs Teo buy?

    1)   Mrs Quek bought 5 loaves of bread and Mrs Teo bought 10 bottles of salt.
    2)   Mrs Quek bought 5 jars of jam and Mrs Teo bought 10 cupcakes.
    3)   Mrs Quek bought 5 loaves of bread and Mrs Teo bought 10 cupcakes.
    4)   Mrs Quek bought 5 jars of jam and Mrs Teo bought 10 bottles of salt.

                                                          (   )

3

Section B (30 x 2 marks)
Spaces
Write your answers in the ~~answer sheet~~ provided

11.   Write 315 in words.

_____

12.   Fill in the missing number in the box.

882 - ☐ = 800

13.   Arrange these numbers in order. Begin with the **smallest**.

178

169

817

619

_____

14.   Fill in the missing numbers.

1000   920   850   ☐   740   ☐

15.   I am a 3-digit number.
I am greater than 800 but smaller than 820.
The sum of my digits is 12.
What am I?

16. $(500 + 3)$ = 1000 - ☐

17. Mr Barker baked 382 chocolate muffins, 199 pandan muffins and 76 raisin muffins. How many muffins did Mr Barker bake in all ?

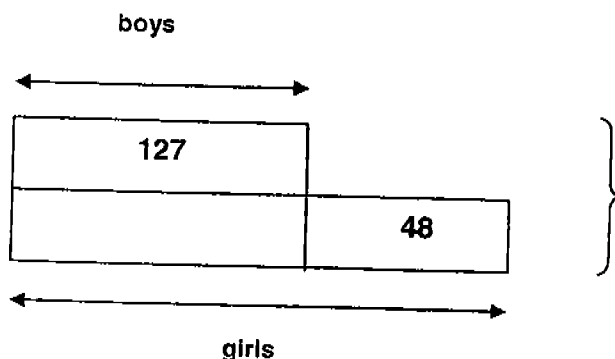He baked _____ muffins in all.

18. A farmer collected 508 apples from his orchard. 162 of them were big, 246 of them were medium and the rest were small. How many apples were small?

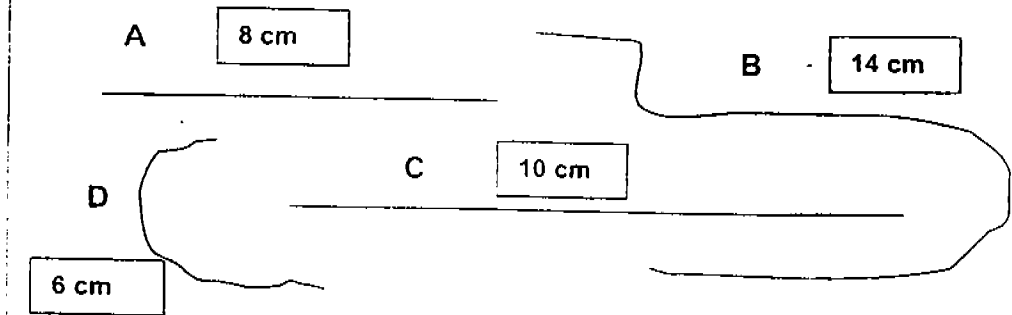**Look at the model below and complete it by filling in the blanks.**
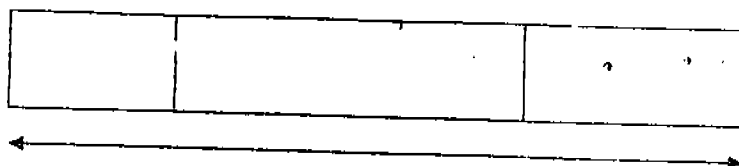
19. Look at the model below. Fill in the blanks in the story sum.

boys
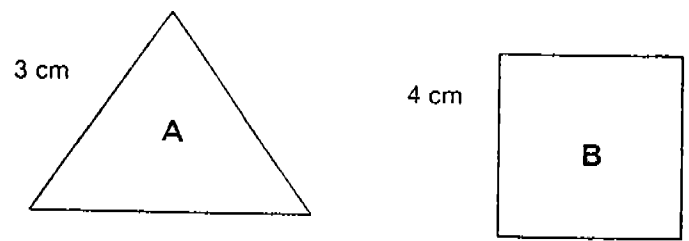
127

48

girls

There were _____ boys in the hall yesterday.

If there were _____ more girls than boys, then there were _____ children in the hall altogether.

5

20. A,B,C and D are strings of different lengths.

A [8 cm]

B · [14 cm]

C [10 cm]

D

[6 cm]

Line ___ ___ is 2 cm longer than line _____ but 4 cm shorter than line _____ .

21.

3 cm

A

4 cm

B

Study the two shapes above, Triangle **A** and Square **B**. Triangle **A** has three

equal sides. Malcolm wants to make **2 such squares** and **3 such triangles** using

a coil of wire. The **shortest** length of wire Malcolm will need is _____ cm.

22. Write **2 multiplication** and **2 division** sentences based on the diagram below.

_____ x 4 = _____   _____ ÷ 4 = ·_____
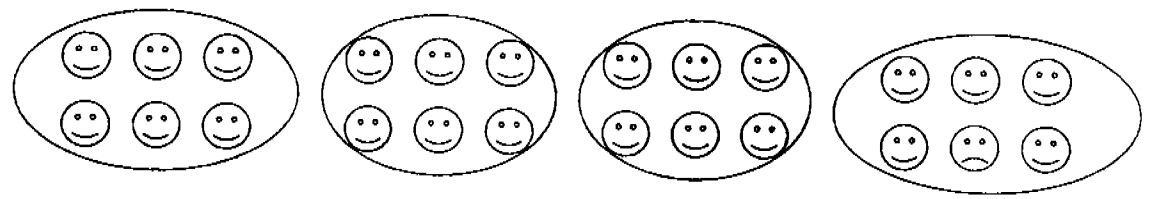
_____ x 6 = _____   _____ ÷ 6 = _____

6

Read the following story sum and complete Questions **23** and **24**.

A boat could carry up to **100 kg** mass only. **3 men** wanted to cross a river in it. They decided that 2 of them would cross first. Then one of them would row back and pick the third man.

Names	Mass
Ali	44 kg
Bala	56 kg
Chan	46 kg

23. Which **2 men** should cross the river first?

   _____ and _____ should cross the river first.

24. Who should row back?

   _____ should row back.

25. Benedict bought **4** boxes of erasers. There were **10** erasers in each box. How many erasers did he buy altogether?

   He bought _____ erasers altogether.

26. If   ✷✷ $\div 2 = 6$,

   then   ✷✷ $\div 3 =$ _____.

27. Complete the pattern.
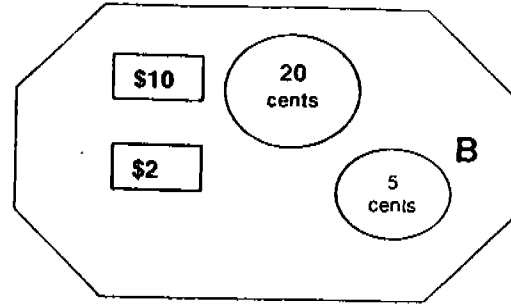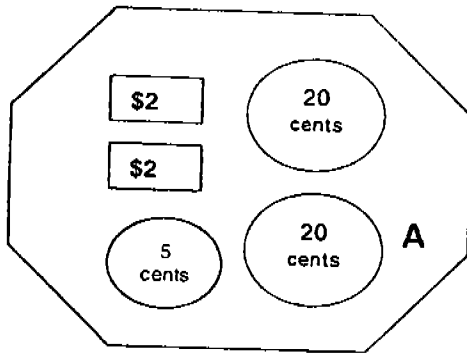
   a)   9,   12,   _____,   18,   ___ ___

   b)   18,   ___ ___   14,   12,   _____

28. Write the amount of money in numerals.

   Twelve dollars and eight cents   _____

7

29.

A — $2, $2, 20 cents, 5 cents, 20 cents

B — $10, $2, 20 cents, 5 cents

C — $10, 20 cents, 20 cents, 20 cents, 20 cents

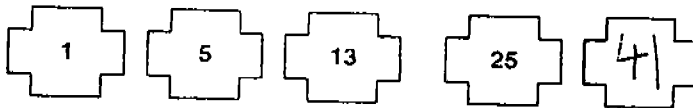**D** — $2, $2, $2, $2, 10 cents, 5 cents
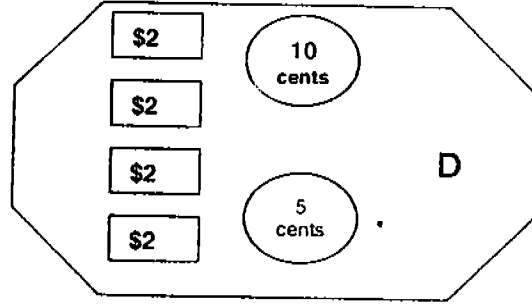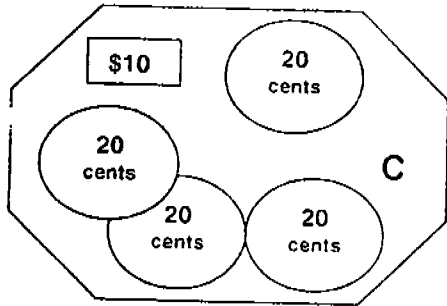
Arrange the amount of money in order beginning with the least. Write **A**, **B**, **C** or **D** in the boxes provided.
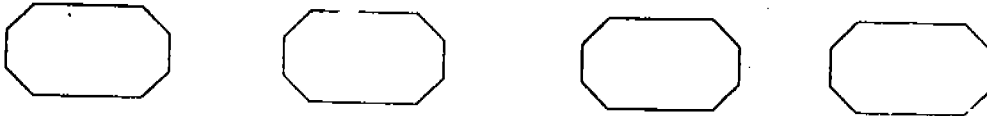
30.   I am thinking of two numbers.
       When I **multiply** them, I get **32**.
       When I **divide** them, I get **2**.
   What are the two numbers?

       They are _____ and _____.

31.   Complete the pattern.

       1   5   13   25   41

32.   Dick and Harry have **14** badges. If Harry gives Dick **3** badges, they will have the
   **same** number of badges. How many more badges does Harry have? _____

8

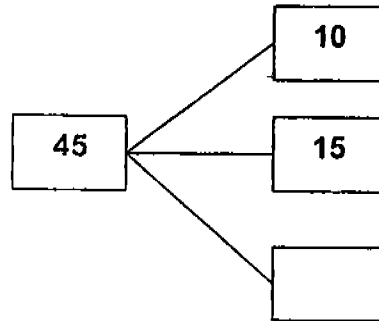The graph below show the number of marbles Keith has won. Study the graph and complete Questions **33, 34 and 35.**

Number of marbles Keith won

| Number of marbles | Mon | Tues | Wed | Thur | Fri |
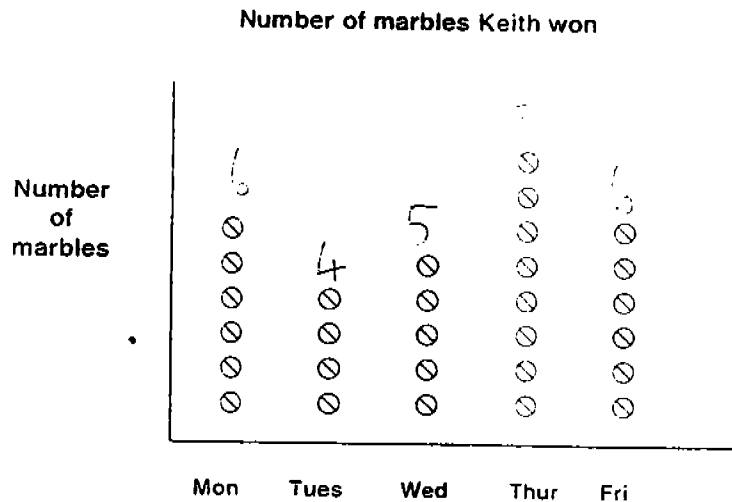
Each ◌ stands for 1 marble.

33.   Keith won the same number of marbles on _____ and _____.

34.   He won 3 fewer marbles on _____ than on _____.

35.   The total number of marbles Keith won is ___ _____.
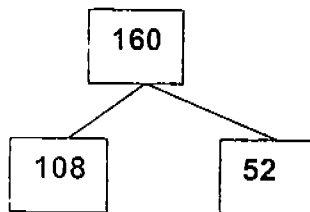
36.   Draw 2 straight lines to divide this figure into **2 triangles** and **1 rectangle**.

9
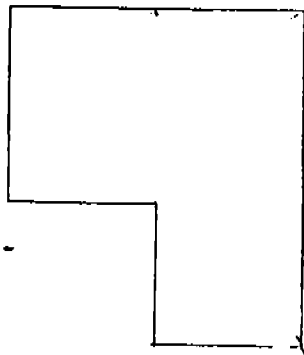
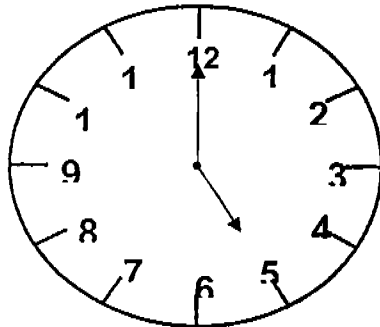37. Study the number bond. **Write the missing number in the box.**

```
              ┌──────┐
              │  10  │
              └──────┘
  ┌──────┐    ┌──────┐
  │  45  │────│  15  │
  └──────┘    └──────┘
              ┌──────┐
              │      │
              └──────┘
```

---

38. Complete the story sum based on the number bond given below.

```
        ┌──────┐
        │ 160  │
        └──────┘
       ╱        ╲
  ┌──────┐    ┌──────┐
  │ 108  │    │  52  │
  └──────┘    └──────┘
```

After the Brownies sold _____ tickets, there were _____ tickets left.

So, there were _____ tickets at first.

---

39. Jaime wants to rent a bicycle for an hour. She looks at the clock on the wall. The time on the clock is shown below.

She must return the bicycle at

_____ o'clock.

---

40. Chen Wei and his three friends arrived at the library at 11.30 a.m. They were doing their project together. At 1 p.m., they left the library .

Chen Wei and his friends were at the library for ___ ___ hour _____ minutes.

10

Section C (5 x 4 marks)

For each story sum, show your working clearly and remember to complete the answer statement.

41. Mr Chen collected 517 eggs on Monday. 29 of them were broken and the rest were sold to an egg-seller. How many eggs did he sell to the egg-seller?

He sold _____ eggs to the egg-seller.

42. 989 people were at Serangoon Stadium. 126 of them were teachers and the rest were pupils.

a) How many pupils were at the stadium?

_____ pupils were at the stadium.

b) If 244 of the pupils did not wear spectacles, how many pupils wore spectacles?

_____ pupils wore spectacles.

11

43. On Monday, Mr Postman delivered 304 letters in the morning. He delivered 102 more letters in the morning than in the afternoon.

a) How many letters did he deliver in the afternoon?

He delivered _____ letters in the afternoon.

b) How many letters did he deliver that day?

He delivered _____ letters that day.

44. There are 2 green pens, 3 red pens and 5 blue pens in a packet. If Mr Goh buys 10 packets how many pens does he buy altogether?

He buys _____ pens altogether.

12

45. A child's ticket to a concert costs $4. An adult's ticket costs $6. Miss Liu and Miss Chong are taking 8 pupils to the concert.

a) What is the total cost of the children's tickets?

The total cost of the children's tickets is $_____ , ___ .

b) . How much do the teachers and the pupils have to pay in all?

They have to pay $_____ _ in all.

Remember to check your work! Every mark counts.

13

1) 4
2) 3
3) 2
4) 4
5) 2
6) 4
7) 2
8) 1
9) 4
10) 2
11) three hundred and fifteen.
12) 82
13) 169, 178, 619, 817

14) ┃700┃   ┃700┃
15) 813
16) 497
17) 657

18)
100	246	162

508

19) 127 boys
48 more girls than boys
302 altogether

20) Line ___C___ is 2 cm longer than line ___A___
but shorter than line ___B___

21)   17 cm

22)   6 × 4 = 24   24 ÷ 4 = 6
      4 × 6 = 24   24 ÷ 6 = 4

23)   Bala and Ali
24)   Ali
25)   40 erasers altogether
26)   4
27 a) 15 , 21 .
   b) 16 , 10
28) $ 12.08

29)   A   D   C   B
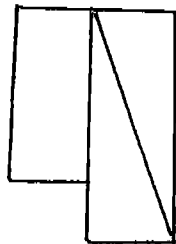30)   8 and 4
31)   41
32)   6
33)   Mon and Fri
34)   Wed and thur
35)   29
36)

37)   20
38)   108 sold tickets
      52 tickets left
      160 at first

39) 6 o'clock

40) <u>1</u> hour <u>30</u> minutes

41) 4~~88~~ eggs

42) a) <u>863</u> pupils were at the stadium

b) <u>619</u> pupils wore spectacles

43 a) 202

b) 506

44) 100 pens altogether

45 a) $32

b) $44