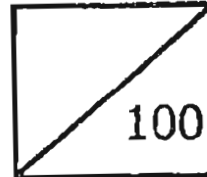




Rosyth School  
Second Semestral Assessment 2005  
Mathematics  
Primary 3



Total

Name: \_\_\_\_\_

Class: Pr 3- \_\_\_\_\_

Register No. \_

Duration: 1h 45 min

Date: 26 October 2005

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).

	<b>Maximum</b>	<b>Marks Obtained</b>
<b>Section A</b>	<b>40</b>	
<b>Section B</b>	<b>40</b>	
<b>Section C</b>	<b>20</b>	
<b>Total</b>	<b>100</b>	

\* This paper consists of 17 pages altogether.

**Section A (40 marks)**

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

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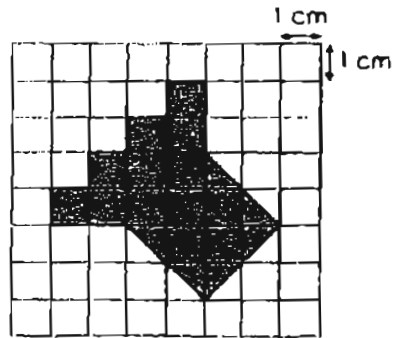
1. In 6 237, the digit 2 is in the \_\_\_\_\_ place.  
(1) ones                                  (2) tens  
(3) hundreds                              (4) thousands
  
2. 60 hundreds 5 tens = \_\_\_\_\_.  
(1) 65                                        (2) 650  
(3) 6 005                                  (4) 6 050
  
3. Subtract 8 hundreds and 4 ones from 2 thousands. The answer is \_\_\_\_\_.  
(1) 1160                                      (2) 1196  
(3) 2804                                      (4) 2840
  
4. The sum of 1 590 and 1 406 is \_\_\_\_\_ less than 3 096.  
(1) 1    (2) 10  
(3) 100                                        (4) 1 000
  
5. What is the missing number in the pattern?  

5	→	11	→	23	→	41	→		→	95
---	---	----	---	----	---	----	---	--	---	----

  
(1) 47    (2) 53  
(3) 59    (4) 65

6. What is the product of 421 and 6?
- |          |          |
|----------|----------|
| (1) 2426 | (2) 2526 |
| (3) 2826 | (4) 2926 |
7. 918 pupils were divided into 9 groups.  
How many pupils are there in each group?
- |         |         |
|---------|---------|
| (1) 12  | (2) 102 |
| (3) 112 | (4) 120 |
8. Lina has 75 seashells. Ann has 6 times as many seashells as Lina.  
How many more seashells does Ann have?
- |         |         |
|---------|---------|
| (1) 375 | (2) 450 |
| (3) 510 | (4) 525 |
9. Express 8 km 20 m in metres.
- |             |             |
|-------------|-------------|
| (1) 820 m   | (2) 8 002 m |
| (3) 8 020 m | (4) 8 200 m |
10. The capacity of a container is 2 litres. If it is only half-filled, what is the volume of water in the container?
- |            |              |
|------------|--------------|
| (1) 50 ml  | (2) 100 ml   |
| (3) 500 ml | (4) 1 000 ml |

11. What is the area of the shaded figure?

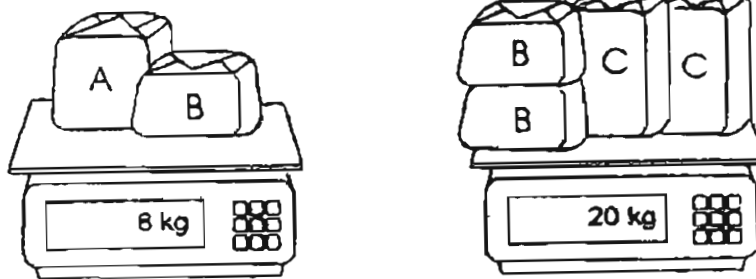


- (1)  $13 \text{ cm}^2$                       (2)  $14 \text{ cm}^2$   
 (3)  $15 \text{ cm}^2$                       (4)  $16 \text{ cm}^2$

12. Mr Teo walked 2 km 50 m. He then cycled 5 km 500 m. How far did he travel in all?

- (1) 3 450 m                      (2) 5 750 m  
 (3) 7 550 m                      (4) 8 000 m

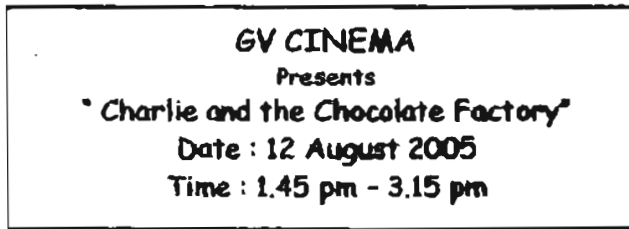
13.



Box C is \_\_\_\_\_ kg heavier than Box A.

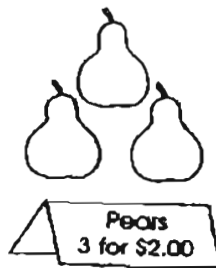
- (1) 1                                  (2) 2  
 (3) 3                                  (4) 4

14. Look at the movie ticket below.  
How long was the movie?



- (1) 1h 5 mins                      (2) 1h 30 mins  
(3) 2h 15 mins                    (4) 3h

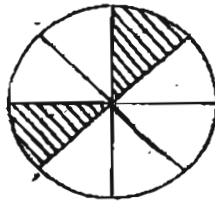
- 15.



Mrs Lee paid the fruit-seller \$10 for some pears. She got back \$2 change. How many pears did she buy?

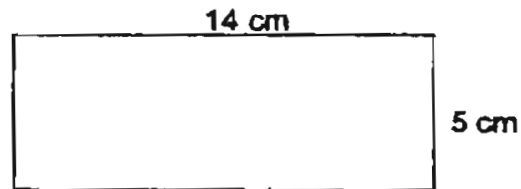
- (1) 6                                      (2) 8  
(3) 12                                    (4) 15

16. What fraction of the figure is shaded?



- (1)  $\frac{1}{4}$                       (2)  $\frac{2}{5}$   
(3)  $\frac{2}{7}$                       (4)  $\frac{5}{8}$

- 17.



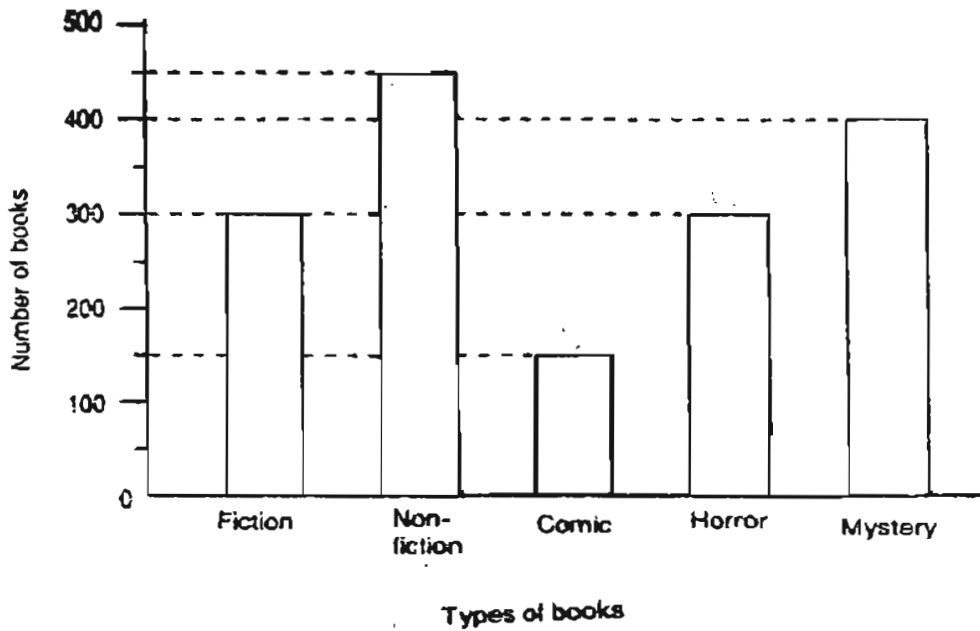
The length of a rectangle is 14 cm. Its breadth is 5 cm. Find its perimeter.

- (1) 19 cm                      (2) 24 cm  
(3) 38 cm                      (4) 70 cm
18. Joy cut an apple pie into 12 equal pieces. She and Joan ate 2 pieces each. What fraction of the pie was left?

- (1)  $\frac{1}{6}$                       (2)  $\frac{1}{3}$   
(3)  $\frac{2}{3}$                       (4)  $\frac{5}{6}$

19. Tony's mass is 76 kg. He is 12 kg 50 g heavier than Jack. How heavy is Jack?
- (1) 63 kg 500 g                      (2) 63 kg 950 g  
 (3) 64 kg 050 g                      (4) 88 kg 050 g

20. The graph below shows the types of books that a group of pupils like to read.



The number of pupils who like to read Non-fiction and Mystery is \_\_\_\_\_ more than those who like to read Comic and Horror.

- (1) 400                                      (2) 450  
 (3) 850                                      (4) 1 300

**Section B (40 marks)**

For each question, show your working clearly in the space below each question and write your answers in the spaces provided. Give your answers in the units stated. Questions 21 to 40 carry 2 marks each.

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21. The largest even number that can be formed from the digits 4, 1, 9, 0 is

\_\_\_\_\_

22. What is the sum of 746 and 1350?

23. What is the quotient and remainder when 928 is divided by 6?

24. Colour  $\frac{3}{5}$  of this set of hearts.



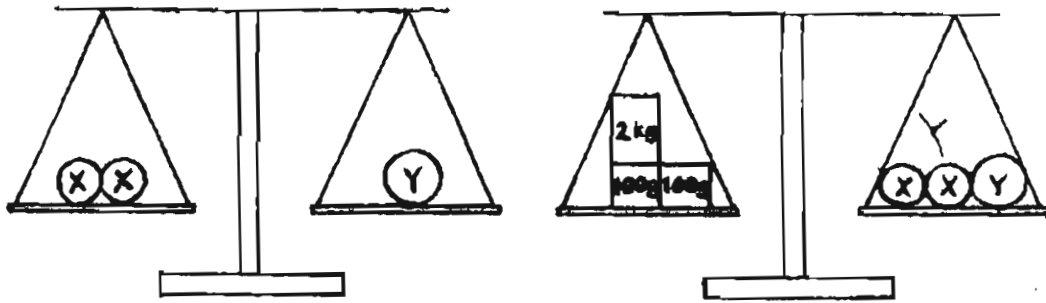


25.  more than 1580 is 2080.  
What is the missing number in the box?

26. Nora had 2350 stickers in her sticker book.  
Devi had 940 less stickers in her sticker book.  
How many stickers did they have altogether?

27. The product of two numbers is 54.  
The difference between the two numbers is 3.  
What are the two numbers?

28. If  $\star + \star + \star = 21$ ,  
and  $\odot + \odot + \odot + \odot = 24$   
Then,  $\odot + \star = \underline{\hspace{2cm}}$



29. What is the mass of Y ?

30. Mrs Ramu attended a 10-session sewing class that ended on 15 December 2004. If her class was once a month, in which month did she start her class?

31. Ella made 7 jugs of lemonade. Each jug contains 350 ml of lemonade. What is the total amount of lemonade she made?

32. Five 50-cent coins and \_\_\_\_\_ 10-cent coins can be changed for \$4.

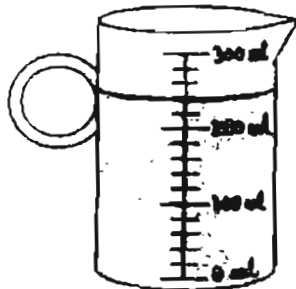
33. Arrange the following fractions in ascending order.

$$\frac{2}{3}, \frac{5}{6}, \frac{3}{4}, \frac{1}{2}$$

34. Sally has a number between 30 and 40.  
When this number is divided by 6, the remainder is 4.  
When it is divided by 8, the remainder is 2.  
What is the number?

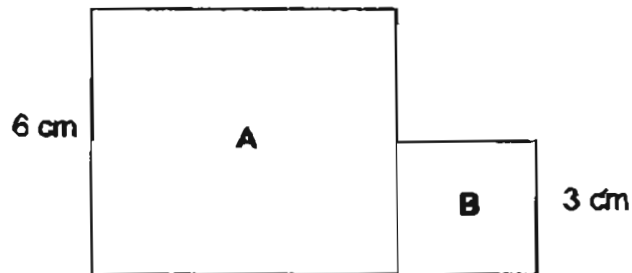
35. Daud started his homework at 2.00 pm.  
He took 45 minutes to complete his English and  $\frac{1}{2}$  an hour to complete his Math. What time did he finish his homework?

36. Mrs Tan wants to divide the syrup in the measuring cup equally into for 4 cups. How much syrup should she pour in each cup?

 ml

37. Mrs Lim gave her three children \$128 to share among themselves. The eldest child received \$5 more than each of the other two children. How much did each of the other two children receive?

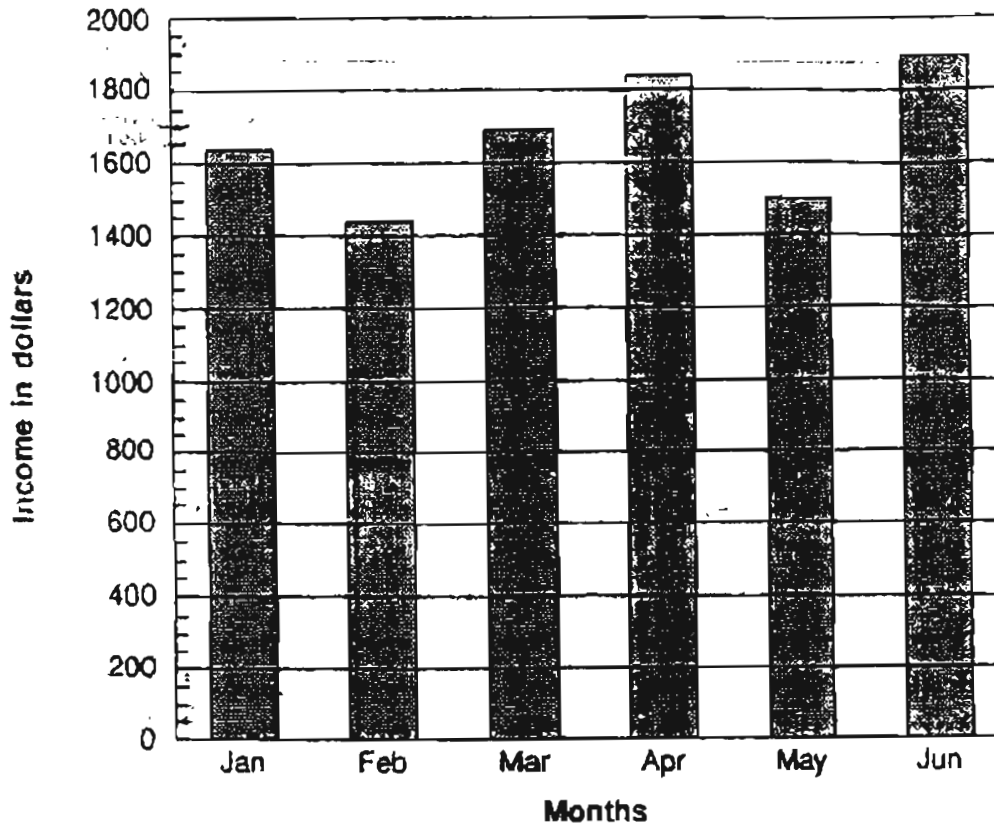
38.



The figure above is made up of 2 squares. The side of Square A is 6 cm and the side of Square B is 3 cm. Find the perimeter of this figure.

Study the graph below. It shows the income earned by Mr Wong for 6 months.

Use it to answer questions 39 and 40.



39. How much more did Mr Wong earn in April compared to February?

\$

40. What was Mr Wong's total income for the first 6 months of the year?

\$

**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 mark allocated for each question is given in brackets.

---

41, A survey showed that 2134 children visited the zoo during the June holiday. There were 720 more boys than girls who visited the zoo.

- (a) How many girls visited the zoo during the June holidays?
- (b) How many boys were there?

Answer : (a) \_\_\_\_ (2 marks)

(b) \_\_\_\_ (2 marks)

42.

Minmin bought 8 packets of sweets.

There were 48 sweets in each packet.

If she repacks the sweets into packets of 6, how many packets of sweets will she have now?

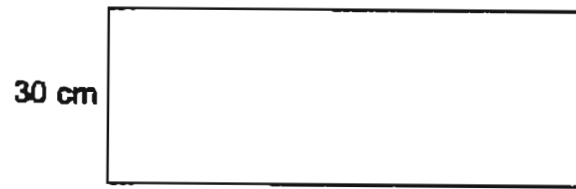
Answer : \_\_\_\_\_ (4 marks)

43. A cost of a bookshelf is 5 times as much as the cost of a magazine rack. The cost of the bookshelf is \$372 more than the cost of the magazine rack. What is the total cost of one bookshelf and two magazine racks?

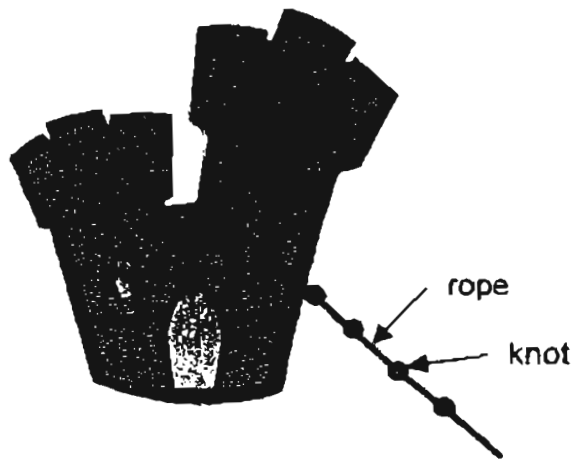
Answer : \_\_\_\_\_ (4 marks)



44. The length of a rectangle is thrice its breadth. If the breadth of the rectangle is 30 cm, find its area.



Answer : \_\_\_\_\_ (4 marks)



45. Rapunzel was trapped in a high tower by a witch. To escape, she used 5 pieces of scrap cloth each 300 cm long and tied them together as a long rope. Each knot was tied by using 10 cm of each of the two ends from the scrap cloth. She secured 10 cm of one end of the rope to the window grille. What was the length of the rope Rapunzel made?  
(Express your answer in *m* and *cm*.)

Answer : \_\_\_\_\_ (4 marks)

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

ROSYTH SCHOOL  
SECOND SEMESTRAL ASSESSMENT 2005  
MATHEMATICS  
PRIMARY THREE

- 1) 3  
2) 4  
3) 2  
4) 3  
5) 4  
6) 2  
7) 2  
8) 1  
9) 3  
10) 4  
11) 4  
12) 3  
13) 2  
14) 2  
15) 3  
16) 1  
17) 3  
18) 3  
19) 2  
20) 1  
21) 9410  
22) 2096  
23) 154 r4  
24) colour 6 hearts  
25) 500  
26) 3760  
27) 6 and 9  
28) 13  
29) 1100  
30) March  
31) 2 litres 450 ml  
32) 15  
33)  $\frac{1}{2}$      $\frac{2}{3}$      $\frac{3}{4}$      $\frac{5}{6}$   
34) 34  
35) 3.15 p.m.  
36) 60  
37) 41  
38) 30  
39) \$ 400  
40) 10050  
41) a) 707 girls  
    b) 1427 boys  
42) 64 packets of sweets  
43) \$651  
44) 2700 cm<sup>2</sup>  
45) 14 m 10 cm