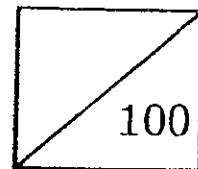




Rosyth School  
Second Semestral Assessment 2008  
Mathematics  
Primary 3

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

Total



Class: Pr 3-\_\_\_\_\_ Register No. \_\_\_\_\_ Duration: 1h 45 min

Date: 23 October 2008

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 17 pages altogether.

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**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). Shade the correct ovals onto the Optical Answer Sheet provided.**

1. Which one of the following numbers has the greatest value?

- (1) 5761
- (2) 5617
- (3) 5167
- (4) 5716

2. The product of 7 and 8 is \_\_\_\_\_.

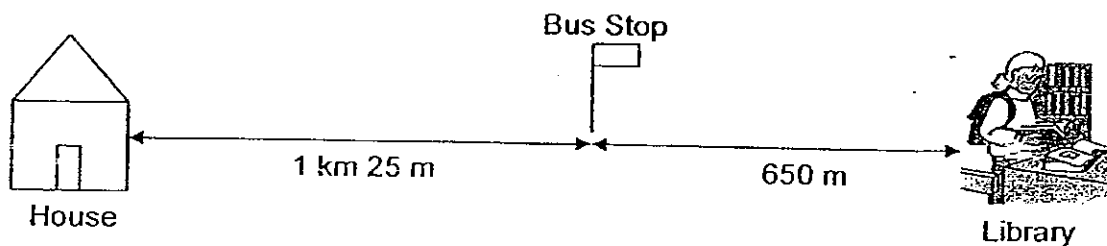
- (1) 42
- (2) 48
- (3) 56
- (4) 63

3.  $\frac{1}{3} = \frac{\square}{12}$

What is the missing number in the above fraction?

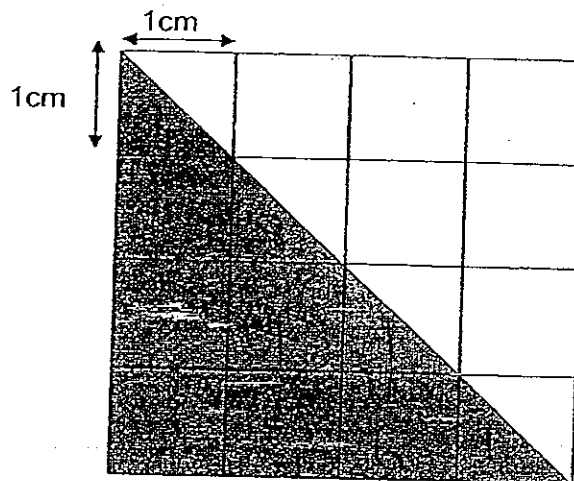
- (1) 1
- (2) 6
- (3) 3
- (4) 4

4. May walked past the bus-stop to get to the library. How far is the library from May's house?



- (1) 1 km 900 m
- (2) 1 km 675 m
- (3) 1 km 625 m
- (4) 1 km 315 m

5. 5 kg 9 g is the same as \_\_\_\_\_
- (1) 509 g
  - (2) 590 g
  - (3) 5090 g
  - (4) 5009 g
6. Stephen saved \$21.70. Alice saved \$12.80 more than Stephen. How much did Alice save?
- (1) \$8.90
  - (2) \$33.50
  - (3) \$34.40
  - (4) \$34.50
7. Samad spent 55 minutes decorating his room. He spent another 54 minutes decorating his sister's room. How much time did he spend decorating the two rooms?
- (1) 1 h 9 mins
  - (2) 1 h 49 mins
  - (3) 1 h 59 mins
  - (4) 2 h 9 mins
8. Find the area of the shaded part in the figure (not drawn to scale) below.



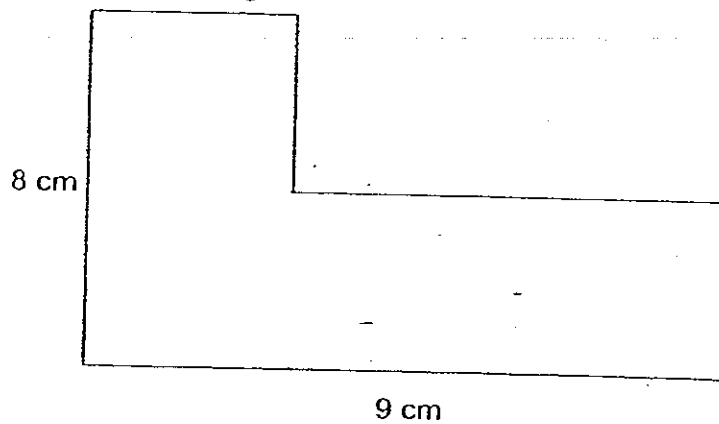
- (1)  $6 \text{ cm}^2$
- (2)  $8 \text{ cm}^2$
- (3)  $10 \text{ cm}^2$
- (4)  $16 \text{ cm}^2$

9. The total number of pages in a dictionary is 1347. A storybook has 689 fewer pages than the dictionary. How many pages are there in the storybook?
- (1) 658
  - (2) 768
  - (3) 1342
  - (4) 2036
10. In a factory, 75 shirts are packed into a box. The factory produces 10 boxes of shirts. How many shirts did the factory produce?
- (1) 10
  - (2) 85
  - (3) 750
  - (4) 7500
11. Hui Hui had some goldfish. She gave away 12 of them to Jon. She put the remaining goldfish equally into 6 bowls. In each bowl, there were 8 goldfish. How many goldfish did she have at first?
- (1) 36
  - (2) 48
  - (3) 60
  - (4) 68
12. Which one of the following fractions is the largest?
- (1)  $\frac{2}{9}$
  - (2)  $\frac{2}{7}$
  - (3)  $\frac{2}{3}$
  - (4)  $\frac{2}{11}$

13. Siti spent  $\frac{1}{6}$  of her money on transport and  $\frac{7}{12}$  of it on food.  
What fraction of her money was left?
- (1)  $\frac{5}{6}$
- (2)  $\frac{5}{12}$
- (3)  $\frac{1}{3}$
- (4)  $\frac{1}{4}$
14. Which of the following is the biggest number that can be divided by 5 with no remainder?
- (1) 352
- (2) 350
- (3) 225
- (4) 253
15. To tie up a parcel, 55 cm of string was needed. After tying 7 parcels, Elliot found that he had 2m 5 cm of string left. What was the length of string that he had at first?  
205cm
- (1) 385 cm
- (2) 590 cm
- (3) 635 cm
- (4) 2390 cm
16. Meenah has five 20-cent coins and two 50-cent coins. She puts some coins into a donation tin. Which one of the following could she have donated?
- (1) \$0.30
- (2) \$1.10
- (3) \$1.70
- (4) \$1.90

17. The Ling family watched a movie that started at 6.50 pm and ended at 9.15 pm. How long did the movie last?
- (1) 1 h 20 min
  - (2) 1 h 25 min
  - (3) 2 h 20 min
  - (4) 2 h 25 min

18. Find the perimeter of the figure below.



- (1) 17 cm
  - (2) 27 cm
  - (3) 34 cm
  - (4) 72 cm
19. The sum of 2 numbers is 528. The bigger number is two times the smaller number. What is the smaller number?
- (1) 132
  - (2) 176
  - (3) 264
  - (4) 352
20. Adrian collected two times as many seashells as Megan. Bryan collected 55 more than Adrian. They collected 635 seashells altogether. How many seashells did Megan collect?
- (1) 116
  - (2) 138
  - (3) 145
  - (4) 230

**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.*

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

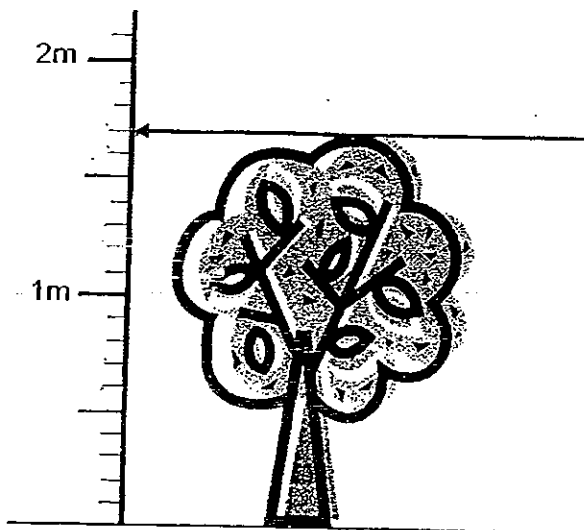
1635, 1650, 1665, \_\_\_\_\_, 1695

22. Arrange these fractions in order from the largest to the smallest.

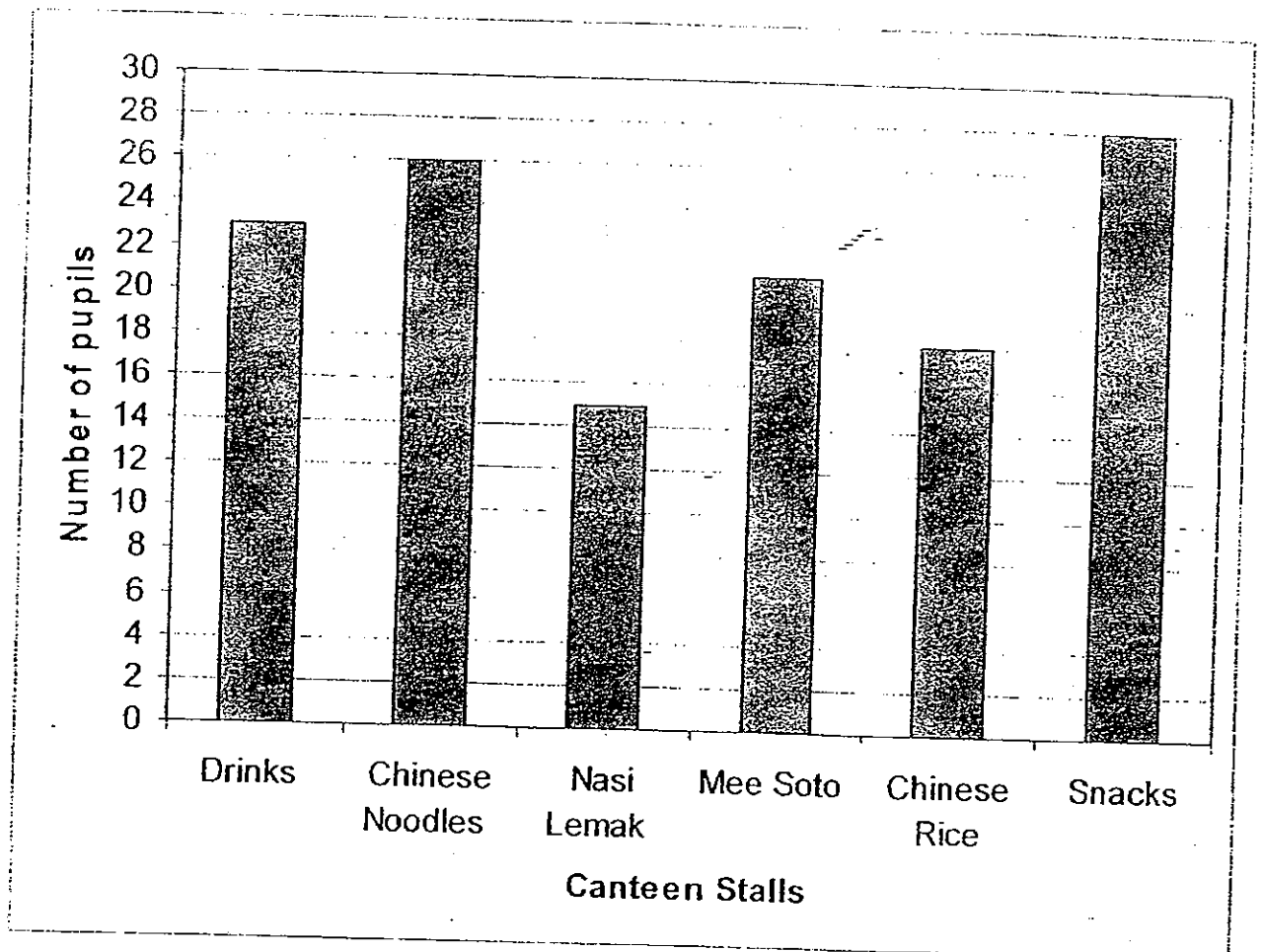
$\frac{1}{2}$  ,  $\frac{3}{4}$  ,  $\frac{3}{8}$

23. 2 h 45 min = \_\_\_\_\_ min

24. What is the height of the tree?



The bar graph below shows the favourite canteen stalls of the pupils. Read the bar graph and answer questions 25 – 26.



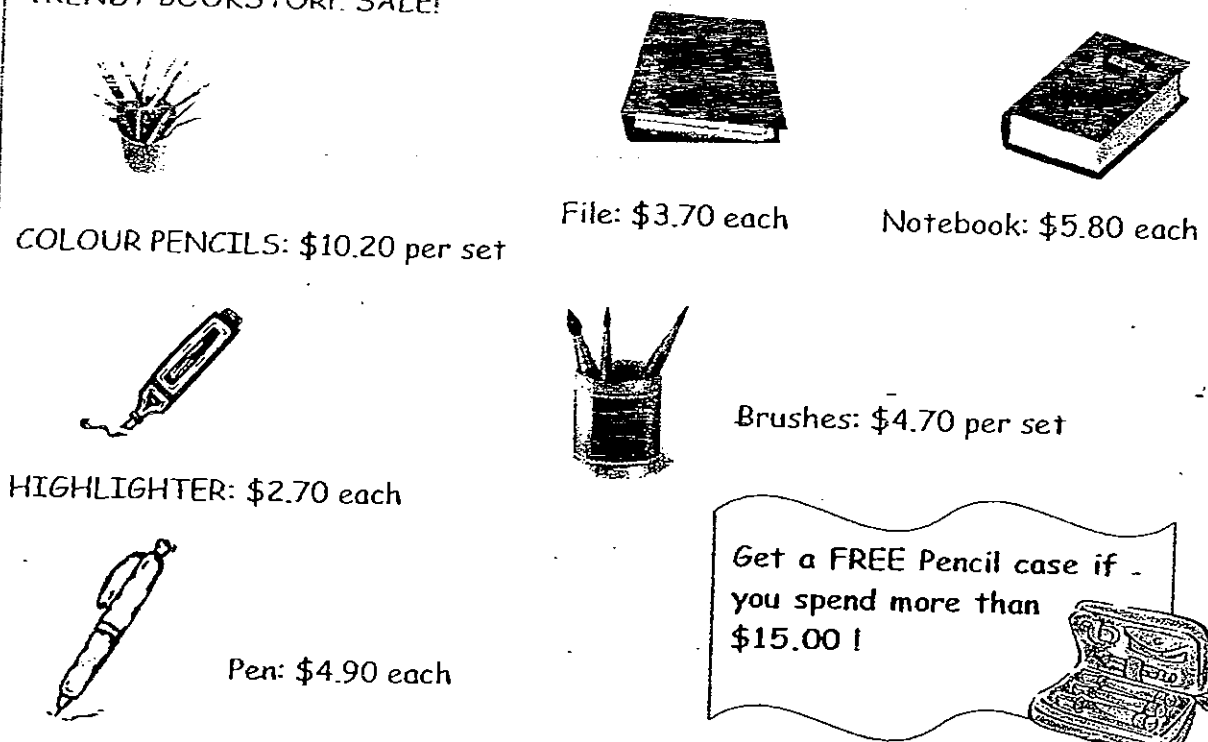
25. How many pupils like the Mee Soto stall?

26. How many more pupils like the Snacks stall than the Nasi Lemak Stall?



The picture below shows an advertisement by a book store. Study the advertisement and answer questions 27 – 28.

**TRENDY BOOKSTORE SALE!**



COLOUR PENCILS: \$10.20 per set

File: \$3.70 each


Notebook: \$5.80 each

HIGHLIGHTER: \$2.70 each

Brushes: \$4.70 per set

Pen: \$4.90 each

Get a FREE Pencil case if you spend more than \$15.00!



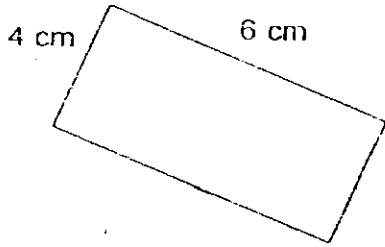
27. Kelly bought 1 set of colour pencils and 1 highlighter. How much did she spend?

\$

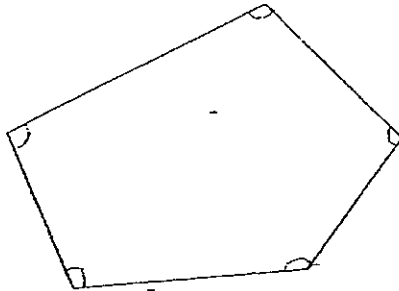
28. John had \$15.50 at first. He bought 2 items and got a free pencil case. How much money had he left after the purchase?

\$

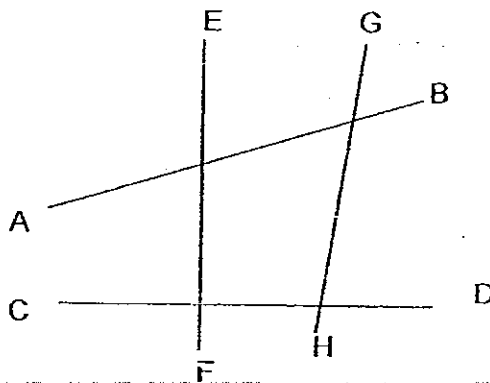
29. What is the area of the rectangle shown below?



30. How many angles are there inside the figure below?



31. Which line is perpendicular to Line CD?



32. There were 463 children at a park.  
Out of these 463 children, 280 were girls and the rest were boys.  
How many more girls than boys were there at the park?

33. The difference between two numbers is 1356.  
The smaller number is 513.  
What is the other number?

34. Arina has 22 pencils. Four of her friends have 7 pencils each.  
How many pencils do they have altogether?

35. Mrs Lim made some fruit juice for her 4 children.  
Each child drank 565 ml of fruit juice.  
How much fruit juice did the 4 children drink altogether?

36. Ryan's mother bought a cake.

She gave  $\frac{1}{6}$  of the cake to Ryan and she ate  $\frac{2}{3}$  of the cake.

What fraction of the cake did Ryan's mother eat more than Ryan?  
Give your answer in the simplest form.

37.  $\frac{5}{12} + \frac{1}{4} = \frac{2}{\square}$

What is the missing number in the  $\square$  ?

38. Mrs Ramesh made 6 times as many apple pies as strawberry pies.  
If she made 120 apple pies, how many pies did she make altogether?

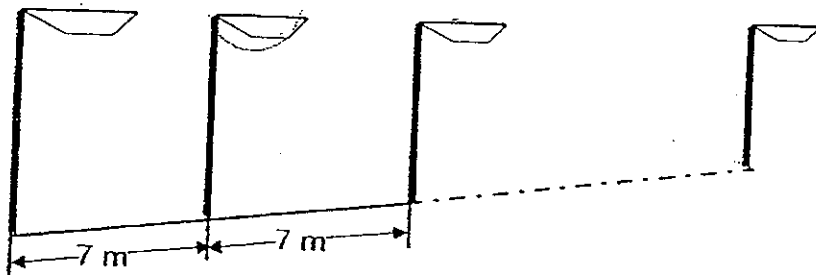
39.

$$\text{Sun} + \text{Sun} + \text{Sun} + \text{Moon} = 29$$

$$\text{Sun} + \text{Sun} + \text{Moon} = 21$$

$$\text{Sun} + \text{Moon} = ?$$

40. New lamp posts were installed on the Formula One road.  
 The distance between each lamp post is 7 m.  
 What is the distance between the 2<sup>nd</sup> lamp post and the 25<sup>th</sup> lamp post?



**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 for each question is given in brackets. Write the answer statement clearly.*

---

41. Derek had 1862 stamps. He gave 269 stamps to Ravi.  
Melissa then gave Derek 436 stamps.  
How many stamps did Derek have in the end? (4m)

42. In a cinema, there are 8 rows of seats.

In each row, there are ~~18~~<sup>28</sup> seats.

175 seats were occupied during the screening of a movie on a Saturday morning.

- a) How many seats are there in the cinema? (2m)
- b) How many more people are needed to fill up all the seats in the cinema on that Saturday morning? (2m)

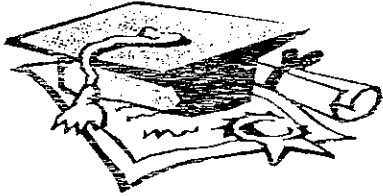
43. Mr Thomas has 220 bags in his shop. If he sells 15 bags each day, how many bags are left at the end of 6 days? (4m)



44. Mrs Muthu used 650 ml of orange juice, a certain amount of pineapple juice and a certain amount of soda water to make 2 ℓ of fruit punch. She used 125 ml more pineapple juice than orange juice.
- (a) What was the amount of pineapple juice she used? (1m)
  - (b) How much soda water did she use for the fruit punch? (3m)

45. Nicole has 30 coins in her piggy bank. She has only \$1 coins and 50¢ coins.  
The total amount in her piggy bank is \$24.  
How many 50¢ coins does she have? (4m)

--- END OF PAPER ---  
Check your work carefully !



# ANSWER SHEET

EXAM PAPER 2008

SCHOOL : ROSYTH PRIMARY SCHOOL  
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA 2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
1	3	4	2	4	4	2	2	1	3	3	3	4	2	2	2	4

Q18	Q19	Q20
3	2	1

21) 1680      22)  $\frac{3}{4}, \frac{1}{2}, \frac{3}{8}$       23) 165      24) 1m 70cm

25) 21 pupils      26) 13 pupils      27) \$12.90      28) \$0.40

29) 24cm<sup>2</sup>      30) 5      31) Line EF      32) 97

33) 1869      34) 50 pencils      35) 2L 260ml      36)  $\frac{1}{2}$

37) 3      38) 140 pies      39) 13      40) 161m

41)  $1862 - 269 = 1593$   
 $1593 + 436 = 2029$   
Derek had 2029 stamps in the end.

42) Seats =  $28 \times 8 = 224$   
Seats not occupied =  $224 - 175 = 49$   
a) There are 224 seats in the cinema.  
b) 49 more people are needed to fill up all the seats in the cinema on that Saturday morning.

**43)  $15 \times 6 = 90$**

**$220 - 90 = 130$**

**130 bags are left at the end of 6 days.**

**44)  $PJ = 650 + 125 = 775 \text{ ml}$**

**$OJ + PJ = 775 + 650 = 1425 \text{ ml}$**

**$SW = 2000 - 1425 = 575 \text{ ml}$**

**a) The amount of pineapple juice she used is 775ml.**

**b) The amount of soda water she used is 575ml.**

**45) She has 12 50 cent coins.**