



242

Rosyth School
Second Semestral Assessment 2004
Mathematics
Primary 3

Total



Name: _____

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

Date: 1 November 2004

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 15 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 on the optical answer sheet. Each question carries 2 marks.

1. The smallest odd number that can be formed from the digits 7, 8, 4 and 5 is _____.

(1) 4 578

(2) 4 587

(3) 4 785

(4) 4 857

2. 6 tens more than 2 954 is the same as _____.

(1) 2 694

(2) 2 960

(3) 3 014

(4) 3 554

3. What is the remainder when 627 is divided by 7?

(1) 1

(2) 2

(3) 3

(4) 4

4. The height of the classroom door is about _____.

(1) 2 cm

(2) 20 cm

(3) 2 m

(4) 20 m

5. Container A has a capacity of 981 mL.

Container B has a capacity of 1 L 82 mL.

How much more water can container B hold than container A?

(1) 101 mL

(2) 799 mL

(3) 1 L 163 mL

(4) 2 L 63 mL

6. Subtract 425 from 2 100.

Which digit in the answer is in the hundreds place?

(1) 1

(2) 5

(3) 6

(4) 7

7. The difference between two numbers is 475. If the smaller number is 244, find the sum of the two numbers.

- (1) 719
- (2) 963
- (3) 1 194
- (4) 1 438

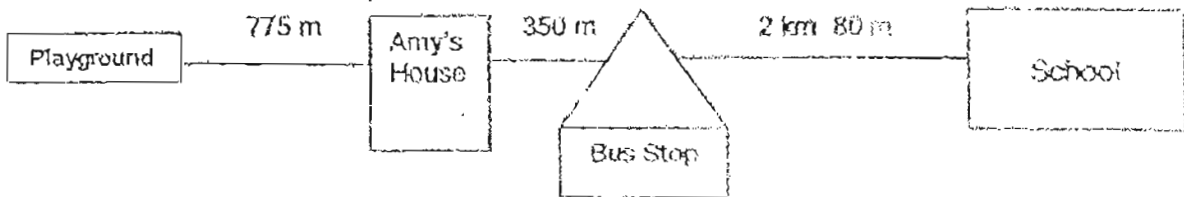
8. Jill has 72 stamps. She has 8 times as many stamps as Ben. How many stamps does Ben have?

- (1) 7
- (2) 9
- (3) 576
- (4) 648

9. $521 - \underline{\hspace{2cm}} = 421 - 5$

- (1) 95
- (2) 100
- (3) 105
- (4) 110

10. How much nearer is the playground than the school to Amy's house?



- (1) 955 m
- (2) 1 km 305 m
- (3) 1 km 655 m
- (4) 2 km 375 m

11. Lily has 9 fifty-cent coins. She wants to buy a sharpener which costs \$6.50. How many more fifty-cent coins does she need?

- (1) 5
- (2) 2
- (3) 3
- (4) 4

12. $\frac{1}{2}$ is smaller than _____.

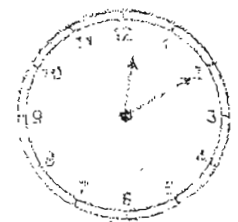
- (1) $\frac{1}{3}$
- (2) $\frac{2}{4}$
- (3) $\frac{4}{6}$
- (4) $\frac{5}{13}$

13. The mass of a papaya is three times the mass of an orange. If the mass of the papaya is 756 g, find the mass of the two fruits.

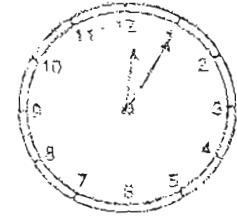
- (1) 504 g
- (2) 1 kg 8 g
- (3) 2 kg 52 g
- (4) 2 kg 268 g

14. Alfred went to the shopping centre at 11.25 am. He came home 1 h 45 min later. At what time did Alfred reach his home?

(1)



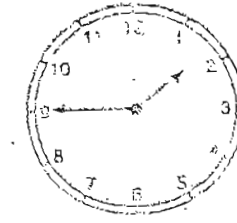
(2)



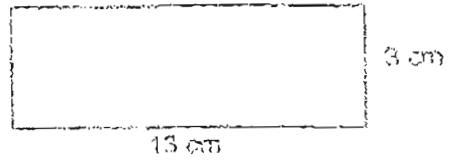
(3)



(4)

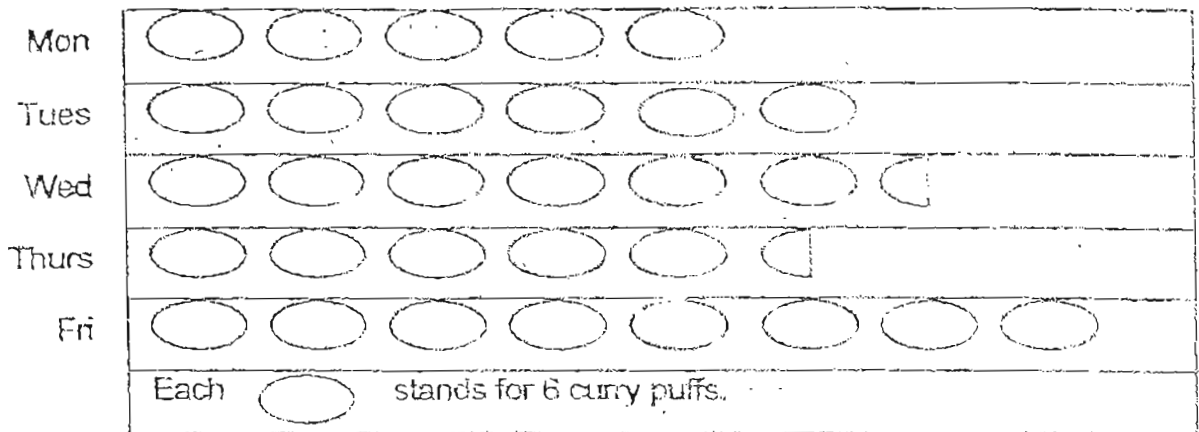


15. The total perimeter of the square and the rectangle is 64 cm. What is the length of each side of the square ?



- (1) 6 cm (2) 8 cm
 (3) 16 cm (4) 32 cm

16. The picture graph below shows the number of curry puffs sold by Mr. Muthu from Monday to Friday.



On which day/s did Mr Muthu sell less than 35 curry puffs ?

- (1) - Monday only (2) Monday & Tuesday
 (3) Tuesday & Wednesday (4) Monday & Thursday
17. How many angles inside the figure below are greater than a right angle ?

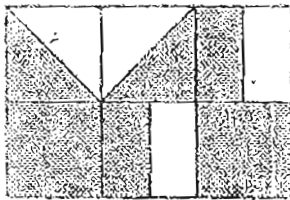


- (1) 6 (2) 7
 (3) 8 (4) 9

18. Gavin and Eve had equal number of stickers. Gavin lost 36 of his stickers. Then Eve has 4 times as many stickers as Gavin. How many stickers did Gavin have at first?

- (1) 9 (2) 48
- (3) 108 (4) 144

19. The figure below is made up of six identical squares. What fraction of the figure is shaded?



- (1) $\frac{1}{2}$ (2) $\frac{7}{12}$
- (3) $\frac{1}{3}$ (4) $\frac{5}{6}$

20. The diagram below shows a scale balance. What must be the mass of for the scale to be balanced?



- (1) 1 kg 660 g (2) 1 kg 740 g
- (3) 2 kg 460 g (4) 3 kg 508 g

Section B (40 marks)

Questions 21 to 40 carry 2 marks each. For each question, write your answer in the space provided. Give your answers in the units stated.

21. What is the value of 4 in 6408?

22. Find the sum of 24 hundreds, 4 tens and 14 ones.

23. $81 \div 3 = \square \div 9$

24. Arrange these fractions in descending order.

$\frac{3}{7}$, $\frac{3}{11}$, $\frac{3}{5}$

25. Find the sum of 689 and 178.

26. Find the sum of all the odd numbers between 1 and 15.

27. Use all the digits 4, 2 and 3 to form the smallest three-digit even number that is divisible by 6. What is the quotient?

28. A group of 9 pupils shared a box of pens. After they had taken 7 pens each, there were 8 pens left. How many pens were there at first?

29. Mrs Ng baked 56 tarts. She had to pack all of them into boxes.

Each box could hold up to 6 tarts.

How many boxes did Mrs Ng need?

30. Mr Wong finished polishing his car at 1.55 pm.

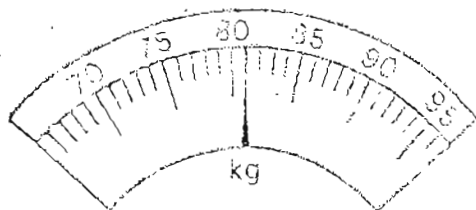
He took 2 hour and 25 minutes to finish this task.

At what time did he start polishing his car?

31. Peter stood on his bathroom scale.

The reading of his mass is shown below.

What is his mass?



32. A cake was cut into 10 equal pieces.

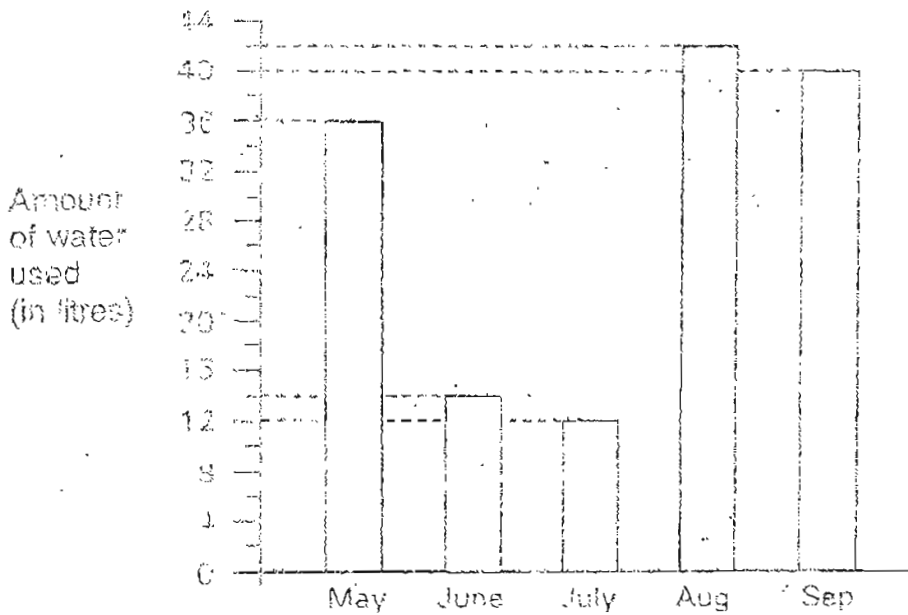
Tania and her mother ate 2 pieces each.

What fraction of the cake was eaten?

(Leave your answer in the simplest form)

Study the graph below.

It shows the amount of water used by the Wong family for 5 months. Use it to answer questions 33, 34 and 35.



33. In which month did the Wong family use the most amount of water?

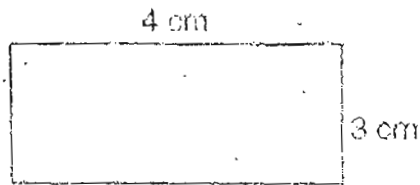
34. In which month did the Wong family use thrice as much water as in July?

35. Find the total amount of water used for the 5 months.

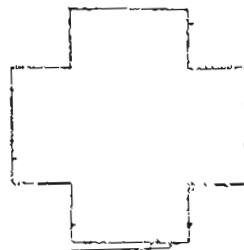
36. I am a number. When I am multiplied by 6, the product is 10 greater than the sum of 39 and 17. What number am I?

37. Today is Tuesday. What day was it 18 days ago?

38. The length of a rectangle is 4 cm. Its breadth is 3 cm.
Find its perimeter.



39. How many right angles are there inside the figure below?



40. Grace wanted to buy a camera. She saved \$1 on the 1st day, \$3 on the 2nd day, \$9 on the 3rd day and \$27 on the 4th day. After 6 days, Grace saved enough money to buy the camera. How much did the camera cost?

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 space provided. The mark for each question is given in the brackets.

41. Mark has 49 stamps. James has 298 more stamps than Mark. Alvin has 39 fewer stamps than James. How many stamps do James and Alvin have altogether?

Answer: _____ (4 marks)

42. Nancy and her brother had \$10 altogether. After giving her brother \$2, Nancy had the same amount of money as her brother. How much money did Nancy have at first?

Answer: _____ (4 marks)

43. The breadth of a rectangle is 4 cm. Its length is 4 times its breadth.

a) What is the perimeter of the rectangle?

b) What is the area of the rectangle?

Answer: a) _____ (2 marks)

b) _____ (2 marks)

44. The sum of two numbers is 36. The second number is three times the first number. Find the product of the two numbers.

Answer: _____ (4 marks)

45. The total length of 5 wooden sticks is equal to the total length of 6 iron rods. Each iron rod is 45cm long. What is the difference between the length of a wooden stick and the length of an iron rod?

Answer: _____ (4 marks)

END OF PAPER

HAVE YOU CHECKED YOUR WORK?

3A2

ROSYTH SCHOOL
SECOND SEMESTRAL ASSESSMENT 2004
PRIMARY THREE
MATHEMATICS

- | | |
|------------------------|-----------------------|
| 1) 2 | 28) 69 |
| 2) 3 | 29) 10 |
| 3) 4 | 30) 11/30 |
| 4) 3 | 31) 81 |
| 5) 1 | 32) 2/5 |
| 6) 3 | 33) August |
| 7) 2 | 34) May |
| 8) 2 | 35) 144 |
| 9) 3 | 36) 11 |
| 10) 3 | 37) Friday |
| 11) 4 | 38) 14 |
| 12) 3 | 39) 8 |
| 13) 2 | 40) 364 |
| 14) 3 | 41) 655 stamps |
| 15) 2 | 42) \$ 7 |
| 16) 4 | 43) a) 40 cm |
| 17) 2 | b) 64 cm ² |
| 18) 2 | 44) 243 |
| 19) 3 | 45) 9 cm |
| 20) 1 | |
| 21) 400 | |
| 22) 2454 | |
| 23) 243 | |
| 24) 3/5 3/7 3/11 | |
| 25) 867 | |
| 26) 48 | |
| 27) 39 | |