



Rosyth School  
First Semestral Assessment 2006  
Mathematics  
Primary 3

Total 

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

Class: Pr 3-\_\_\_\_\_ Register No. \_\_\_\_\_

Duration: 1h 45 min

Date: 5 May 2006

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).
5. ANSWER ALL THE QUESTIONS.

	Maximum	Marks Obtained
Section A	40	
Section B	40	
Section C	20	
Total	100	

\* This paper consists of \_\_\_\_16\_\_\_\_ pages altogether.

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**Section A (40 marks)**

Questions 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.

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1. The digit '3' in 7324 is in the \_\_\_\_\_ place.
- (1) ones
  - (2) tens
  - (3) hundreds
  - (4) thousands
2. Five thousand, six hundred and eight written as numeral is \_\_\_\_\_.
- (1) 568
  - (2) 5068
  - (3) 5608
  - (4) 5680
3. How many **tens** are there in 2916?
- (1) 1
  - (2) 10
  - (3) 29
  - (4) 291
4. Find the sum of 3675 and 179.
- (1) 3496
  - (2) 3754
  - (3) 3844
  - (4) 3854
5.  $7000 - \boxed{\phantom{0000}} = 1999$ . What is the missing number in the box?
- (1) 5001
  - (2) 5111
  - (3) 6001
  - (4) 6111

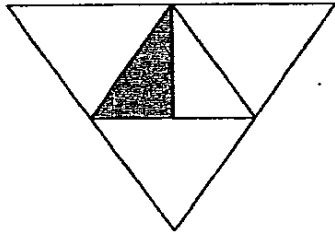
6. 7832 is the same as \_\_\_\_\_.
- (1)  $780 + 30 + 2$
  - (2)  $7000 + 803 + 2$
  - (3)  $7000 + 800 + 302$
  - (4)  $7800 + 30 + 2$
7. Find the difference between 6000 and 1500.
- (1) 4500
  - (2) 5500
  - (3) 5850
  - (4) 7500
8. Hannah has 115 stickers more than Nadia. If Nadia has 273 stickers, how many stickers does Hannah have?
- (1) 158
  - (2) 363
  - (3) 388
  - (4) 503
9. A handbag costs \$459. A watch costs \$160 less than the handbag. What is the total cost the handbag and the watch?
- (1) \$459
  - (2) \$619
  - (3) \$758
  - (4) \$778
10. What is the sum of all the even numbers between 2456 and 2461?
- (1) 4916
  - (2) 4918
  - (3) 7374
  - (4) 7377

11. Which of the following has the same value as  $9 \times 5$ ?
- (1)  $5 + 5 + 5 + 5 + 5$
  - (2)  $5 \times 5 \times 5 \times 5 \times 5$
  - (3)  $9 + 9 + 9 + 9 + 9$
  - (4)  $9 \times 9 \times 9 \times 9 \times 9$
12. What is the remainder when 908 is divided by 7?
- (1) 1
  - (2) 5
  - (3) 3
  - (4) 4
13. 2 pizzas cost \$24. Jon bought 8 such pizzas. How much did he pay for all the pizzas?
- (1) \$96
  - (2) \$144
  - (3) \$168
  - (4) \$192
14. A table costs four times as much as a chair. If the table costs \$120, what is the cost of the chair?
- (1) \$24
  - (2) \$30
  - (3) \$360
  - (4) \$480
15. Matthew had 142 stickers. John had three times as many stickers as he had. How many stickers did the two boys have altogether?
- (1) 326
  - (2) 426
  - (3) 468
  - (4) 568

16. There are 40 pupils in a class. Mrs Tan gave three sweets to every pupil in the class. After giving away all her sweets, she had 20 sweets left. How many sweets did she have at first?

- (1) 90
- (2) 110
- (3) 120
- (4) 140

17. What fraction of the figure is shaded?

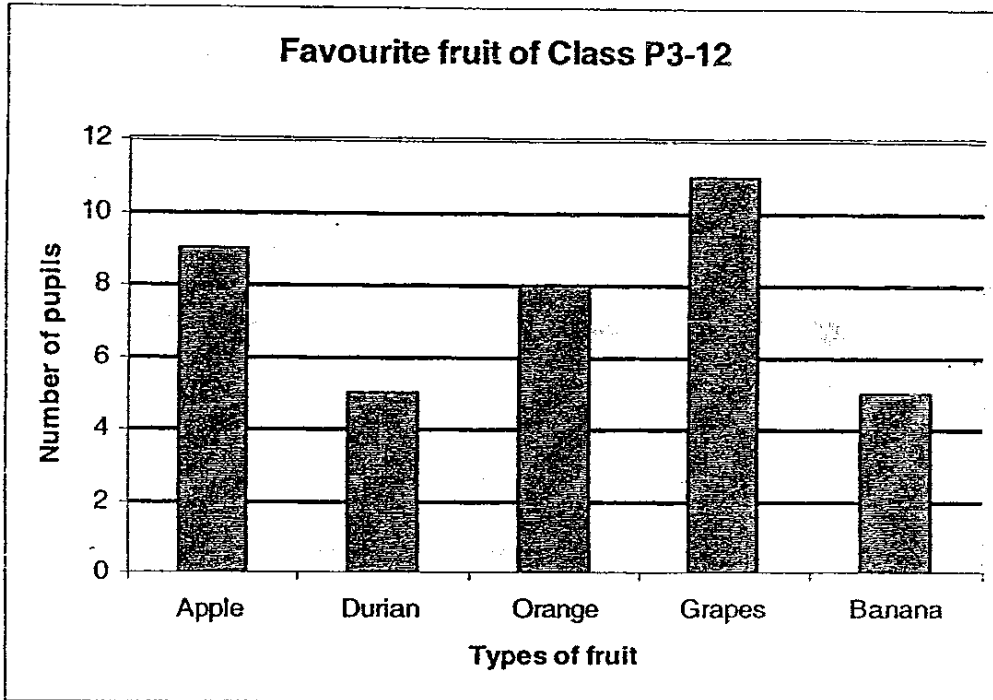


- (1)  $\frac{1}{4}$
- (2)  $\frac{1}{5}$
- (3)  $\frac{1}{7}$
- (4)  $\frac{1}{8}$

18. Which set of fractions below contains only equivalent fractions?

- (1)  $\frac{4}{8}, \frac{1}{2}, \frac{2}{6}$
- (2)  $\frac{4}{12}, \frac{1}{3}, \frac{3}{9}$
- (3)  $\frac{4}{12}, \frac{3}{6}, \frac{6}{9}$
- (4)  $\frac{7}{12}, \frac{2}{3}, \frac{3}{4}$

For questions Q19 and Q20, please refer to the graph below.



19. Which is the most popular fruit?

- (1) Apple
- (2) Durian
- (3) Orange
- (4) Grapes

20. How many pupils are there in Class P3-12?

- (1) 37
- (2) 38
- (3) 39
- (4) 40

**Section B (40 marks)**

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

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21. What is the value of the digit '7' in 3274 ?

Ans: \_\_\_\_\_

22. Arrange the following numbers in order, starting with the smallest.



Ans: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

23. Arrange the digits 4, 7, 3, 8 to form the greatest 4-digit even number.

Ans: \_\_\_\_\_

24. 3000 less than 5400 is \_\_\_\_\_.

Ans: \_\_\_\_\_

25. Complete the number pattern below.

21 , 22 , 24 , 27 , \_\_\_\_\_ , 36

Ans: \_\_\_\_\_

26. Mr Lee sold 2 cameras for \$659 each and a TV set for \$1299 . How much money did he receive altogether?

Ans: \$ \_\_\_\_\_

27. Harry has 1380 marbles. 824 of them are blue, 350 of them are red and the rest are green. How many more red marbles than green marbles does he have?

Ans: \_\_\_\_\_



28.

$$\text{☀} + \text{☀} + \text{☀} = 150$$

$$\text{♥} + \text{♥} + \text{♥} + \text{♥} = 400$$

$$\text{😊} + \text{😊} = 50$$

Find the value of  $\text{☀} + \text{♥} + \text{😊}$ .

Ans: \_\_\_\_\_

29. Find the product of 708 and 9.

Ans: \_\_\_\_\_

30. Divide 7 032 by 8. What is the quotient?

Ans: \_\_\_\_\_

31. Mdm Ain sells 345 pineapple tarts everyday. How many pineapple tarts will she sell in 6 days?

Ans: \_\_\_\_\_

32.  $4 \times 4 \times 4 = \square \div 4$ . Find the missing number in the box.

Ans: \_\_\_\_\_

33.  $\square \div 6 = 24 \text{ R}3$ . Find the missing number in the box.

Ans: \_\_\_\_\_

34.  $1 \times (2 \times 3) = 6$

$10 \times (2 \times 3) = 60$

$1 \times 20 \times 3 = 60$

$100 \times 2 \times 3 = 600$

$10 \times 200 \times 3 = \square$

Find the missing number in the box above.

Ans: \_\_\_\_\_

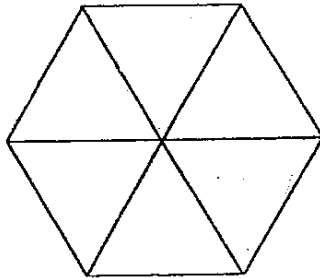
35. Mother bought 9 boxes of cupcakes for a party. There were 6 cupcakes in each box. 48 cupcakes were eaten during the party. How many cupcakes were left?

Ans: \_\_\_\_\_

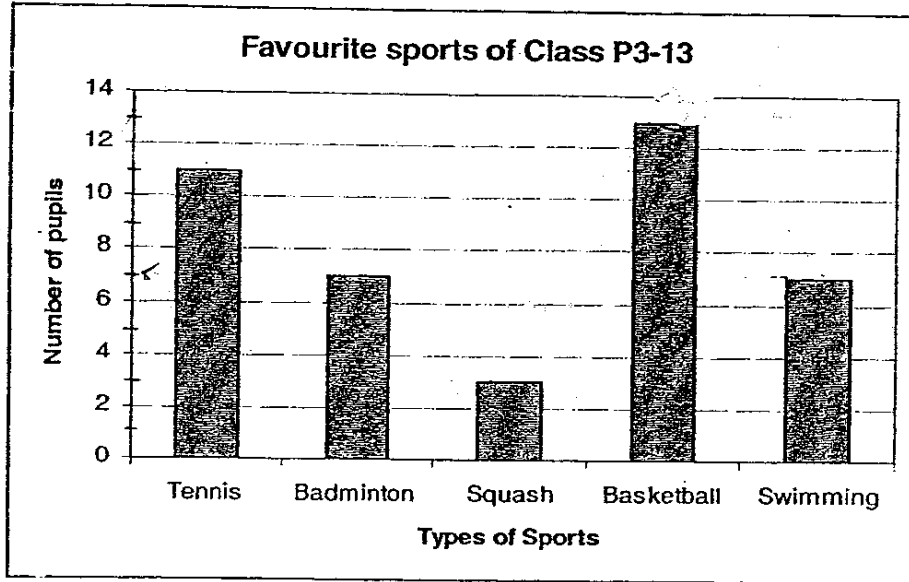
36. A 2-digit number lies between 60 and 70. When it is divided by 2, it gives a remainder of 1. When it is divided by 5, it gives a remainder of 3. What is the number?

Ans: \_\_\_\_\_

37. Shade  $\frac{2}{3}$  of the figure.



For Questions 38, 39 and 40, please refer to the graph below.



38. How many pupils chose Badminton as their favourite sport?

Ans: \_\_\_\_\_

39. How many more pupils like basketball than swimming?

Ans: \_\_\_\_\_

40. How many pupils like tennis, badminton and basketball?

Ans: \_\_\_\_\_

**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.

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41. Jason sold 7500 movie tickets in three days. On the first day, he sold 2700 tickets. He sold 365 fewer tickets on the second day than on the first day. He sold the rest on the third day. How many tickets did he sell on the third day?

Ans: \_\_\_\_\_ (4m)

42. Last year, Mr Lim saved \$3600. Mr Tan saved \$1280 less than Mr Lim. Mr Muthu saved \$582 more than Mr Tan. How much money did Mr Muthu save?

Ans: \_\_\_\_\_ (4m)

43. Joy, Grace and Karen have a total of 210 stamps. Joy has three times as many stamps as Karen. Karen and Grace have the same number of stamps. How many more stamps does Joy have than Grace?

Ans: \_\_\_\_\_ (4m)

44. Shannon had 2739 straws. She gave 530 straws to Alice. Shannon then received 300 straws from her mother. How many straws did Shannon have in the end?

Ans: \_\_\_\_\_ (4m)



45. David shared 105 stickers equally among Aaron, Jay and Carrie. If Jay had 93 stickers now, how many stickers did he have at first?

Ans: \_\_\_\_\_ (4m)

End of paper.  
Check your work and make sure you have done all the questions.

**Answer Sheets**  
**Rosyth Pri 3 SA1 / 2006 Maths**

- |       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 1) 3  | 2) 3  | 3) 1  | 4) 4  | 5) 1  |
| 6) 4  | 7) 1  | 8) 3  | 9) 3  | 10) 2 |
| 11) 3 | 12) 2 | 13) 1 | 14) 2 | 15) 4 |
| 16) 4 | 17) 4 | 18) 2 | 19) 4 | 20) 2 |

21.  $32\overline{7}4 = 70$

22. 6839, 6938, 6983




23. 8734

24.  $5400 - 3000 = 2400$

25. 21, 22, 24, 27, **31**, 36

26. Camera =  $\$659 \times 2 = \$1318$   
TV =  $\$1299$   
 $\$(1299 + 1318) = \$2617$

27. Red + Blue =  $350 + 824$   
= 1174 marbles  
 $1380 - 1174 = 206$  green marbles  
 $350 - 206 = \underline{144 \text{ more red marbles}}$

28.  +  +   
 $50 + 100 + 25 = 175$

29.  $708 \times 9 = 6372$

30.  $7032 \div 8 = 879$

31. 1 day = 345 pineapples tarts  
6 days =  $345 \times 6$   
= **2070 pineapple tarts**

32.  $4 \times 4 \times 4 = \underline{256} \div 4$   
 $64 = 64$

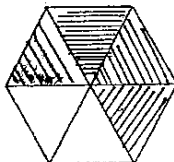
33.  $24 \times 6 = 144 + 3$   
= 147

34.  $10 \times 200 \times 3 = 6000$

35.  $9 \times 6 = 54$  cupcakes  
 $54 - 48 = \underline{6 \text{ cupcakes}}$  were left

36. 60, 61, **63**, 64, 65, 66, 67, 68, 69, 70  
 $63 \div 2 = 31 \text{ r}1$   
 $63 \div 5 = 12 \text{ r}3$   
The number is **63**

37.



38. **7 pupils** chosen Badminton

$$\begin{aligned}
 39. \text{ Baskets} &= 13 \text{ pupils} \\
 \text{Swimming} &= 7 \text{ pupils} \\
 13 - 7 &= \underline{\mathbf{6 \text{ more pupils}}} \text{ like baskets}
 \end{aligned}$$

$$\begin{aligned}
 40. \text{ Tennis} + \text{Badminton} + \text{Basketball} \\
 11 + 7 + 13 = 31
 \end{aligned}$$

$$\begin{aligned}
 41. \text{ 1}^{\text{st}} \text{ Day} &= 2700 \text{ tickets} \\
 \text{ 2}^{\text{nd}} \text{ Day} &= 2700 - 365 \\
 &= 2335 \text{ tickets} \\
 &= 2700 + 2335 \\
 &= 5035 \text{ tickets}
 \end{aligned}$$

$$\begin{aligned}
 \text{ 3}^{\text{rd}} \text{ Day} &= 7500 - 5035 \\
 &= 2465 \text{ tickets}
 \end{aligned}$$

He sold 2465 tickets on 3<sup>rd</sup> Day.

$$\begin{aligned}
 42. \text{ Mr Lim} &= \$3600.00 \\
 \text{ Mr Tan} &= \$3600 - \$1280 \\
 &= \$2320.00 \\
 \text{ Mr Muthu} &= \$2320 + \$582 \\
 &= \$2902.00
 \end{aligned}$$

Mr Muthu saved **\$2902.00**

$$\begin{aligned}
 43. \text{ Joy} &= 3 \text{ units} \\
 \text{ Grace} &= 1 \text{ unit} \\
 \text{ Karen} &= 1 \text{ unit} \\
 &= 210 \div 5 \\
 &= 42 \text{ stamps} \\
 3 - 1 &= 2 \text{ units} \\
 \text{ Joy} &= 42 \times 2 \\
 &= 84 \text{ stamps}
 \end{aligned}$$

Joy has **84 more stamps** than Grace

$$\begin{aligned}
 44. \text{ Shannon} &= 2739 \text{ straws} \\
 \text{ Alice} &= 2739 - 530 \\
 &= 2209 \text{ straws} \\
 \text{ Shannon} &= 2209 + 300 \\
 &= 2509
 \end{aligned}$$

In the end Shannon has 2509 straws.

$$\begin{aligned} 45. \text{ Jay} &= 93 \text{ stickers} \\ &= 105 \div 3 \\ &= 35 \\ &= 93 - 35 \\ &= 58 \end{aligned}$$

He has 58 stickers at first.