



Rosyth School  
First Semestral Assessment 2009  
Mathematics  
Primary 3

Total 

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

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

Duration: 1h 45 min

Date: 13 May 2009

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, write the answers in the brackets provided.
5. ANSWER ALL THE QUESTIONS.

	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)**

**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) and write it in the brackets provided.**

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1. What is 7 thousands and 42 ones written as a numeral?

- (1) 742
- (2) 7 042
- (3) 7 402
- (4) 7 420

(        )

2. In 6 589 the digit 5 is in the \_\_\_\_\_ place.

- (1) ones
- (2) tens
- (3) hundreds
- (4) Thousands

(        )

3. The value of 7 965 is the same as \_\_\_\_\_.

- (1)  $796 + 5$
- (2)  $700 + 90 + 60 + 5$
- (3)  $7\,000 + 900 + 65$
- (4)  $7\,000 + 9\,000 + 65$

(        )

4.  $6 + 6 + 6 + 12 =$  \_\_\_\_\_  $\times 6$

- (1) 5
- (2) 6
- (3) 3
- (4) 4

(        )

5.  $8 \times 6$  hundreds = \_\_\_\_\_.

- (1) 480
- (2) 860
- (3) 4 800
- (4) 8 600

(        )

6. What is 63 tens divided by 7?

- (1) 9
- (2) 90
- (3) 441
- (4) 4 410

(       )

7.



Which of the following fractions represents the shaded part of the above figure?

(1)  $\frac{1}{3}$

(2)  $\frac{1}{2}$

(3)  $\frac{2}{3}$

(4)  $\frac{5}{6}$

(       )

8.  $\frac{2}{7} + \square = 1$

(1)  $\frac{3}{7}$

(2)  $\frac{5}{7}$

(3)  $\frac{7}{7}$

(4)  $\frac{7}{5}$

(       )

9. What is the difference between  $\frac{2}{3}$  and  $\frac{8}{9}$ ?

(1)  $\frac{2}{9}$

(2)  $\frac{10}{12}$

(3)  $\frac{6}{6}$

(4)  $\frac{14}{9}$

( )

10. In the number pattern below, what is the missing number?

2 673, 3 674, \_\_\_\_\_, 5 676, 6 677

(1) 3 675

(2) 4 674

(3) 4 675

(4) 4 775

( )

11. Which of the following has the **smallest** value?

(1)  $7\,900 + 20$

(2)  $800 \times 9$

(3) 8 008

(4)  $8\,000 - 8$

( )

12. Muthu has 580 marbles. He shares them among his 4 friends.  
How many marbles does each friend get?

(1) 145

(2) 576

(3) 584

(4) 2 320

( )

13. Siti scored 92 marks in Mathematics. She scored 6 marks more in Mathematics than in Science. How many marks did she score in Science?

- (1) 84
- (2) 86
- (3) 96
- (4) 98

( )

14. How many sevens are there in 56?

- (1) 8
- (2) 9
- (3) 49
- (4) 63

( )

15. In  $4 \times 6 = 3 \times \underline{\quad}$ , what is the missing number?

- (1) 8
- (2) 10
- (3) 13
- (4) 24

( )

16. George bought 3 shirts at a sale for \$18. How much would 9 shirts cost?

- (1) \$6
- (2) \$21
- (3) \$27
- (4) \$54

)

17. Divide 762 by 3. The quotient is \_\_\_\_\_.

- (1) 254
- (2) 759
- (3) 765
- (4) 2 286

( )

18. Which of the following fractions is **bigger** than  $\frac{1}{2}$ ?

(1)  $\frac{1}{4}$

(2)  $\frac{2}{5}$

(3)  $\frac{5}{9}$

(4)  $\frac{1}{12}$

(       )

19. The baker has 30 curry puffs. He packs all of them into boxes.  
Each box can hold up to 4 curry puffs.

Which of the following **cannot** be the total number of boxes he uses?

(1) 7

(2) 8

(3) 9

(4) 10

(       )

20. John cut a pizza into 12 equal pieces. He ate 2 pieces, and gave 1 piece to his sister and 5 pieces to his parents.

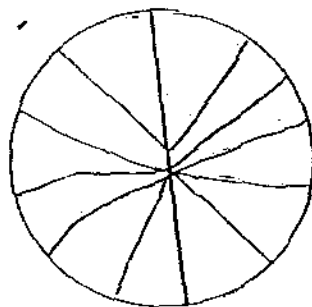
What fraction of the original pizza was left?

(1)  $\frac{1}{6}$

(2)  $\frac{1}{3}$

(3)  $\frac{1}{2}$

(4)  $\frac{2}{3}$



(       )

**Section B (40 marks)**

**Questions 21 to 40 carry 2 marks each.**

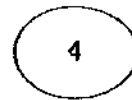
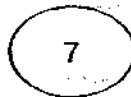
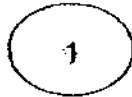
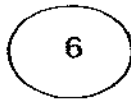
**For each question, show your working clearly in the space below each question.**

**Write your answers in the spaces provided. Give your answers in the units stated.**

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21. 100 less than 2 083 is \_\_\_\_\_.

22.



Using any three numbers above,  
form the smallest three-digit odd number.

23.  $11 + 12 + 13 + 14 + 15 + 16 + 17 + 18 + 19 =$  \_\_\_\_\_

What is the digit in the ones place?

24. Find the sum of 2 678 and 6 200.

25. The difference between two numbers is 10.  
The smaller number is 16.  
What is the greater number?

26. Our heart beats 72 times a minute.  
How many times does it beat in 8 minutes?

27. A box of biscuits costs \$7.  
How many such boxes of biscuits can Weiqi buy with \$50?

28.  $18 = 2 \times \square \times 3$

What is the missing number in the box?

29. Find the value of  $\frac{7}{12} + \frac{1}{4}$

Express your answer in the simplest form.

30. Arrange the following set of fractions in order.  
Begin with the **smallest**.

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

31. Find the value of

$$1 - \frac{5}{8} - \frac{1}{4}$$

Express your answer in its simplest form.

32. Fill in the missing numbers in the boxes below.

$$\frac{1 \times 3}{3 \times 3} = \frac{\boxed{\phantom{000}}}{9} = \frac{4}{\boxed{\phantom{000}}}$$

33. There are 12 bars of Mars chocolate in each packet.  
How many chocolate bars will there be in 8 such packets?

34. Fandi painted  $\frac{2}{5}$  of his room blue and  $\frac{3}{10}$  of it yellow.



What fraction of the room is painted blue and yellow?



35. Meiling collected  $\frac{1}{2}$  of the saga seeds in a garden.




Faridah collected  $\frac{1}{10}$  less than Meiling.

What fraction of the saga seeds in the garden did Faridah collect?  
(Express your answer in its simplest form)

36. A florist has some roses and 306 sunflowers.  
The number of sunflowers is 3 times the number of roses.  
How many roses does the florist have?

37. If   $\times$   = 81

and   $\times$   = 27,

what is the value of   $\times$    $\times$   ?

38. Mr Lim had \$980.  
He spent \$380 on a handphone and \$260 on a watch.  
How much money had he left?

39. Milton sold 34 boxes of buns for charity. He had 4 buns left.  
If each box had 6 buns, how many buns did Milton have at first?

40. Siti had 46 blue paper clips and 62 green paper clips.  
She used them to form 3 chains of equal lengths.  
How many paper clips did she use to form each chain?

**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 number of marks for each question is shown in brackets [ ].**

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41. A box contains red and white bottle caps. There are 396 red bottle caps. The number of red bottle caps is 3 times the number of white bottle caps.

(a) How many white bottle caps are there?

(b) How many bottle caps are there in the box altogether?

Answer : (a) \_\_\_\_\_ [2m]

(b) \_\_\_\_\_ [2m]

42. 2 653 children took part in a walkathon. Of these, 1 209 are girls.  
How many more boys than girls took part in the walkathon?

Answer : \_\_\_\_\_ [4m]

~~42.~~

Mr Singh arranged some chairs into 8 rows. There were 64 chairs in each of the first 3 rows and 80 chairs in each of the remaining rows.

- (a) How many chairs were there in the first 3 rows?
- (b) How many chairs did Mr Singh arrange altogether?

Answer : (a) \_\_\_\_\_ [2m]

(b) \_\_\_\_\_ [2m]

44. There are some cars and trucks in a car park.  
Each car has 4 wheels and each truck has 6 wheels.  
If there are 64 wheels and 13 cars and trucks,

(a) how many cars are there?

(b) how many trucks are there?

Answer : (a) \_\_\_\_\_ }  
(b) \_\_\_\_\_ } (4m)

45. 40 children in Class A are having a muffin party. 26 of them eat a vanilla muffin each and 32 of them eat a chocolate muffin each. Everyone in the class eats at least 1 muffin. How many children eat both a vanilla muffin and a chocolate muffin?

Answer : \_\_\_\_\_ [4m]

--- END OF PAPER ---  
Have you checked your work?

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**EXAM PAPER 2009**

**SCHOOL : ROSYTH PRIMARY**  
**SUBJECT : PRIMARY 3 MATHEMATICS**

**TERM : SA1**

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

Q18	Q19	Q20
3	1	2

- 21)1983      22)147      23)5      24)8878      25)26      26)576
- 27)7      28)3      29)5/6      30)1/3, 1/2, 5/6      31)1/8
- 32)3, 12      33)96      34)7/10      35)2/5      36)102      37)27
- 38)\$340      39)208      40)36      41)a)132      b)528
- 42)235      43)a)192      b)592      44)a)7 cars      b)6 trucks      45)18