Rosyth School
First Continual Assessment 2010
Primary 5 Mathematics

Name: _____ Register No. _____

Class: Pr 5 - _____

Date: 3rd March 2010 Parent's Signature: _____

Total Time for Booklets A and B : 50 min

PAPER 1
(Booklet A)

Instructions to Pupils:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.
5. You are **not** allowed to use a calculator

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet A)	20	

* This booklet consists of 7 pages (excluding this cover page)

85

Question 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 and 4). Shade the correct answer on the OAS
(Optical Answer Sheet) (20 marks)

1) $4 \times \frac{4}{9}$ is the same as _____.

(1) $\frac{16}{36}$

(2) $4\frac{4}{9}$

(3) $\frac{4}{9} + \frac{4}{9} + \frac{4}{9} + \frac{4}{9}$

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

2) What is the value of 1300×300?

(1) 390

(2) 3 900

(3) 39 000

(4) 390 000

3) How many minutes are there in $\frac{2}{3}$ of 120 minutes?

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

(2) 40

(3) 80

(4) 120

4) What is the remainder when 7300 is divided by 60?

(1) 10

(2) 30

(3) 40

(4) 4

5) In the result of $250 \times 4 + 420 \div 7$, the digit in the tens place is _____.

(1) 1

(2) 2

(3) 0

(4) 6

6) Express $8 + \frac{1}{5} + \frac{9}{1000}$ as a decimal.

(1) 8.19

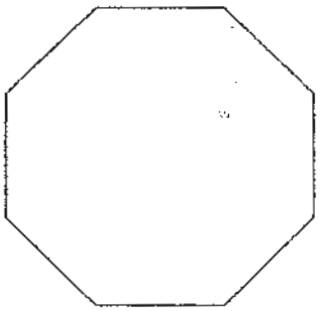
(2) 8.109

(3) 8.209

(4) 8.29

87

7) How many line of symmetry does the figure below have?



(1) 8

(2) 2

(3) 16

(4) 4

8) Which one of the following numbers is **NOT** a common factor of 72 and 96?

(1) 6

(2) 9

(3) 3

(4) 4

9) Which answer below has the least value?

(1) 0.57

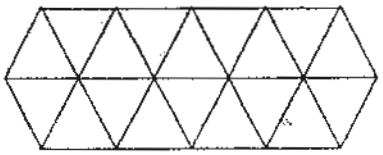
(2) $\frac{1}{2}$

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

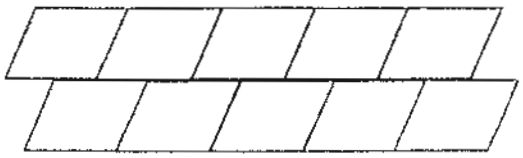
(4) 0.4

10) Which of the following patterns is NOT a tessellation?

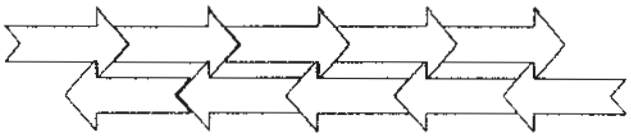
(1)



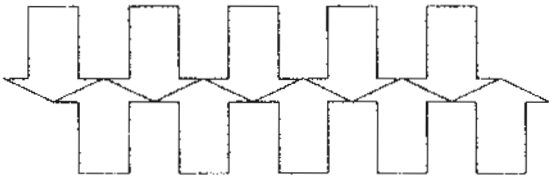
(2)



(3)



(4)



11) A basketball costs $22. If Keith saves 40 cents daily, what is the least number of days he must save before he has enough money to buy the basketball?

(1) 50 days

(2) 54 days

(3) 55 days

(4) 60 days

12) A shirt costs $\frac{5}{8}$ that of a pair of jeans. The pair of jeans costs \$64. How much does the shirt cost?

(1) \$8

(2) \$24

(3) \$40

(4) \$64

13) Some boys shared a fixed number of marbles. If there were 5 boys, each boy would receive 56 marbles. What is the difference in the number of marbles each boy would get if the marbles were shared equally among 7 boys?

(1) 16

(2) 40

(3) 70

(4) 96

14) Find the value of $45 + (42 - 12) \div 6 \times 5$.

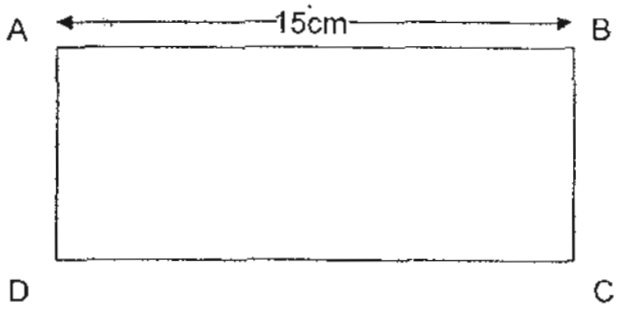
(1) $2\frac{1}{2}$

(2) 46

(3) 65

(4) 70

15) ABCD is a rectangle. Find the area of the rectangle below if line AD is $\frac{2}{5}$ of line AB.



(1) 21 cm^2

(2) 42 cm^2

(3) 45 cm^2

(4) 90 cm^2

Rosyth School
First Continual Assessment 2010
Primary 5 Mathematics

Name: _____ Register No. _____

Class: Pr 5 _____

Date: 3rd March 2010 Parent's Signature: _____

Total Time for Booklets A and B : 50 min

PAPER 1
(Booklet B)

Instructions to Pupils:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. You are **not** allowed to use a calculator

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet B)	20	

* This booklet consists of 7 pages (including this cover page)

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Questions **16** to **25** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

16) $20 \times 30 = \square \times 5$

What is the missing number in the box?

Ans: _____

17) Round off 3.756 to 2 decimal places.

Ans: _____

18) A baker requires 59g of flour to make a loaf of bread. Estimate how much flour he will need to bake 198 loaves.

Ans: _____ g

19) Express $\frac{3}{8}$ as a decimal.

Ans: _____

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20) Find the value of $\frac{2}{3} \div 4$.

Ans: _____

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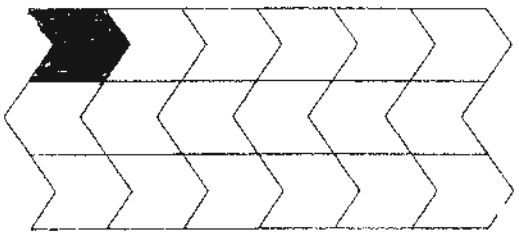
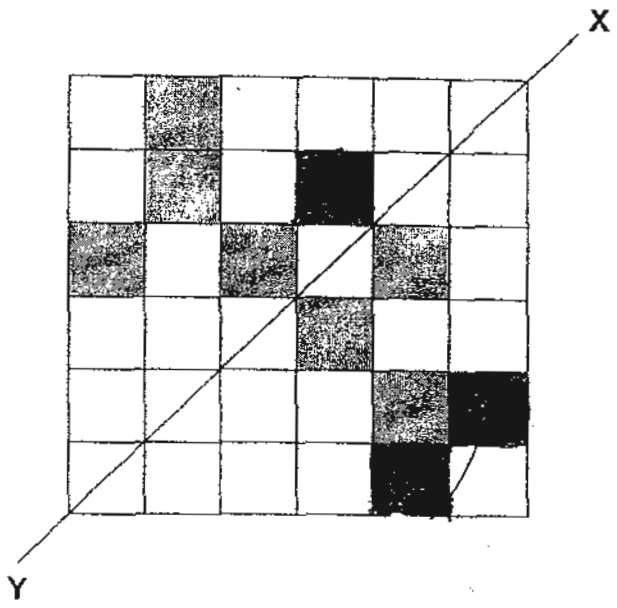
21) Look at the tessellation below.
Identify the unit shape and shade **one** unit shape only.



95

22) Shade 3 squares in the figure below so that line XY is the line of symmetry.



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23) Evaluate $6 \times 10 - 50 \div 10 - 9$.

Ans: _____

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24) The amount of money Mrs Smith has in her savings account is $156 000 when rounded off to the nearest $1000. What is the **greatest** possible amount of money she has in her savings account?

Ans: $_____

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25) Charmaine spent $\frac{2}{5}$ of her money on a bowl of noodles and $\frac{2}{5}$ of the remainder on a cup of soft drink.
What fraction of her money did she spend on soft drink?

Ans: _____

Questions **26** to **30** carry 2 marks each. **Show your working clearly** in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

26) Find the sum of 11 + 12 + 13 +.....+ 30

Ans: _____

27) Justin bought a home entertainment system for $ 5 330. He paid $1 010 in cash and the rest in 10 monthly instalments. If he paid an equal amount of money each month, how much did he pay in each instalment?

Ans: $_____

28) Amanda has some beads. $\frac{1}{5}$ of them are red and the rest are green. She uses all her red beads and $\frac{1}{2}$ of the green ones to make a necklace. What fraction of her beads is left?

Ans: _____

29) In a carpark, there are 16 cars and motorcycles. Raymond counted 50 wheels present at the carpark. How many motorcycles are there in the carpark?

Ans: _____

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30) In a farm, there are 100 fewer sheep than goats. The fraction of sheep is $\frac{9}{20}$ of the total number of sheep and goats. What is the total number of sheep and goats in the farm?

Ans: _____

~END OF PAPER 1~

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Rosyth School
First Continual Assessment 2010
Primary 5 Mathematics

Name: _____ Register No. _____

Class: Pr 5 _____

Date: 3rd March 2010 Parent's Signature: _____

Time: 1 h 40 min

PAPER 2

Instructions to Pupils:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Show your workings clearly as marks are awarded for correct working.
5. Write your answers in this booklet.
6. You are allowed to use a calculator

Questions	Maximum Mark	Marks Obtained
Q 1 to 5	10	
Q 6 to 18	50	

Section	Maximum Mark	Marks Obtained
Paper 1	40	
Paper 2	60	
Total	100	

* This booklet consists of 12 pages (including this cover page)

/01

Questions **1** to **5** carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

Do not write in this space

1 Find the sum of the biggest and smallest 4-digit numbers formed using all the digits 3, 7, 0 , 4.

Ans: _____

2 Simplify the value of $7 - \frac{1}{3} - 2\frac{1}{4}$.

Ans: _____

3 $\frac{4}{5}$ of a number is 60. What is the number?

Ans: _____

1c3

4 2 magazines cost $9.

2 books and 4 magazines cost $32.

Find the cost of 1 book.

Ans: $_____

5 Mrs Lim has 75 kg of rice. She uses $\frac{1}{5}$ of it. How much rice has she left?

Ans: _____ kg

(Go on to the next page)

Questions **6** to **18**, show your working clearly in the space provided for each question and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.
(50 marks)

Do not write in this space

6 737 people watched a movie in a cinema. 469 of them were adults and the rest were children. There were 18 more girls than boys. How many boys were there?

Ans: _____ [3]

7 Susan, Melanie and Bala paid a total of $1 649 for a television set. Susan and Melanie each paid an equal amount while Bala paid $304 less than Melanie. How much did Susan pay?

Ans: _____ [3]

8 In a company of 480 staff, $\frac{3}{8}$ wear spectacles.

(a) How many of the staff do not wear spectacles?

(b) How many more of the staff do not wear spectacles?

Ans : (a) _____ [1]

Ans: (b) _____ [2]

9 Amy gave $\frac{3}{4}$ of her sweets to Charlie and $\frac{1}{6}$ to Megan. If Amy had 89 sweets left, how many sweets did she have at first?

Ans: _____ [3]

10 A jar when filled with peanut butter has a mass of 318g. When it is $\frac{1}{2}$ filled with peanut butter, it has a mass of 197g. Find the mass of the jar.

Ans: _____[3]

11 Arvind spent $\frac{3}{7}$ of his money. He gave $\frac{1}{4}$ of the remainder to his mother and had $162 left. How much money did he have at first?

Ans: _____[4]

107

12 Seven years ago, Mdm Aminah was 5 times as old as her son. Their total age now is 62. What is Mdm Aminah's present age?

Ans: _____ [4]

13 An expressway has 14 lampposts which are spaced out equally. If the distance between the 2nd lampost and the 9th lampost is 42m, find the distance bewteen the 1st lampost and the 13th lampost.

Ans: _____ [4]

14 Mr Mohan bought an equal number of pears and mangoes from the market. After he gave away 114 pears to his friend, he had 7 times as many mangoes as pears.
(a) How many pears had he left?
(b) How many pears and mangoes did he buy in all?

Ans : (a) _____ (2)

Ans: (b) _____ [2]

15 There are 197 candies altogether in a basket and a container. The total number of candies in 4 similar baskets and 18 similar containers is 1152. How many candies are there in one basket?

Ans: _____ [4]

16 Among the visitors at the bird park last Saturday, $\frac{1}{5}$ of them were women, $\frac{1}{3}$ of them were men and the rest were children. The total number of adults was 176. There was an equal number of boys and girls at the bird park. How many boys were there?

Ans: _____ [5]

17 There are 262 pieces of 5-cent, 10-cent, 20-cent and 50-cent coins in a box. There are 8 more 10-cent coins than 5-cent coins and twice as many 20-cent coins as 10-cent coins. There are equal number of 20-cent coins and 50-cent coins. What is the total value of all the 50-cent coins?

Ans: _____ [5]

18 Kumar and Elton had $362 altogether. When Kumar gave $\frac{1}{5}$ of his money to Elton, Elton had $46 more than Kumar.

(a) How much money did Kumar have at first?

(b) How much money did Elton have at first?

Ans: _____ [4]

Ans : _____ (1)

End of Paper

ANSWER SHEET

EXAM PAPER 2010

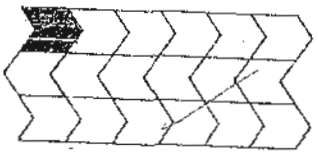
SCHOOL : ROSYTH PRIMARY
SUBJECT : PRIMARY 5 MATHEMATICS

TERM : CA1

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

16)120 **17)3.76** **18)11880g** **19)0.375** **20)1/6**

21)



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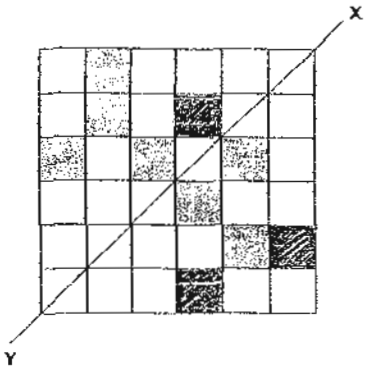

23)46

24)$156499 **25)6/25** **26)410** **27)$432** **28)2/5**

29)7 motorcycles **30)1000**

Paper 2

1)10477	2)$4\frac{5}{12}$
3)75	4)2 books--$14 1 book - $14 ÷ 2=$7
5)75÷5=15 75 – 15 =60kg	6)737 – 469 =268 268 – 18 = 250 250÷2 = 125 (boys) There were 125 boys.
7)304 x 2 = 608 1649 – 608 =1041 1041÷3 = 347 347 + 304 = $651 Susan paid $651	8)8u→480 1u→480÷8=60 5u→60x5=300 2u→60x2=120 a)300 of the staff do not wear spectacles. b)120 more of the staff do not wear spectacles.
9)1u→89 12u→89x12=1068 Amy had 1068 sweets at first.	10)318÷2=159 197 – 159 =38 38x2=76 The mass of the jar is 76g.
11)3u→162 1u→162÷3=54 7u→54x7=378 Arvind had $378 at first.	12)47 years old
13)7u→42 1u→42÷7=6 12u→12x6=72 The distance is 72m.	14)a)6u→114 1u→114÷6=19 He had 19 pears left. b)14u→19x14=266 He bought 266 mangoes and pears.
15)1B+1c=197 18B+18C=3546 4B+18C=1152 14B=3546 – 1152 =2394 B= 2394÷14=171 There are 171 candies in one basket.	16)8u→176 1u→176÷8=22 7u→22x7=154 (children) 154÷2=77 There were 77 boys.
17)$45.00	18) a) $197.50 b) $164.50

114
122
End