17

Rosyth School

Second Semestral Assessment 2016

Mathematics

Primary 3

80

Name : _____

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

Date : 27 October 2016 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 15 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
5. ANSWER ALL THE QUESTIONS.

	Maximum Marks	Marks Obtained
Section A	25	
Section B	35	
Section C	20	
Total	80	

This paper consists of 20 printed pages altogether, including the cover page.

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Section A (25 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 15 carry 2 marks each.
For questions 1 to 15, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS) provided.

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1. In 4582, the digit 5 is in the _____ place.

   (1) ones

   (2) tens

   (3) hundreds

   (4) thousands

2. Express 7 thousand and 21 tens in numerals.

   (1) 721

   (2) 7021

   (3) 7120

   (4) 7210

3. Form the smallest 4-digit even number using the following digits.



   (1) 2389

   (2) 2398

   (3) 9823

   (4) 9832

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4. What is the difference between 6781 and 384?

(1) 6397

(2) 6417

(3) 6403

(4) 7165

5. What is the product of 4 and 28?

(1) 7

(2) 24

(3) 32

(4) 112

6. What is the remainder when 679 is divided by 3?

(1) 1

(2) 2

(3) 3

(4) 0

7. How many fours are there in 424?

(1) 1

(2) 16

(3) 106

(4) 160

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8. There are _____ cents in $2.

(1) 20

(2) 2

(3) 200

(4) 2000

9. Express 5 ℓ 150 $m\ell$ in millilitres.

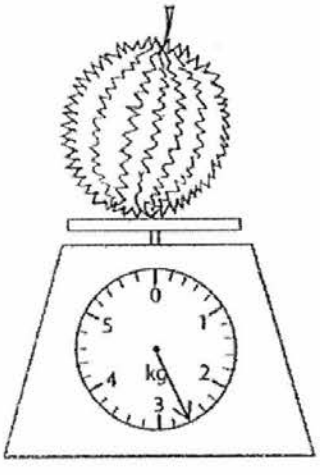
(1) 515 $m\ell$

(2) 5015 $m\ell$

(3) 5115 $m\ell$

(4) 5150 $m\ell$

10. Find the mass of the durian.



(1) 2 kg 30 g

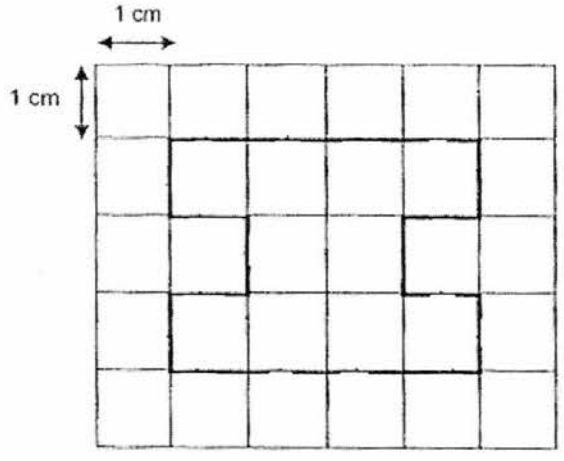
(2) 2 kg 300 g

(3) 2 kg 60 g

(4) 2 kg 600 g

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11. The perimeter of the figure below is _____ cm.



(1) 10

(2) 13

(3) 14

(4) 18

12. 1890 students attended a school carnival. 624 of them were girls, while the rest were boys. How many boys were at the sports carnival?

(1) 1266

(2) 1274

(3) 1276

(4) 2514

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13. David put some marbles into 36 boxes. He placed 4 marbles in each box and had 2 marbles left. How many marbles did he have at first?

(1) 124

(2) 142

(3) 144

(4) 146

14. John ate $\frac{1}{2}$ of the cake, while Daphne ate $\frac{1}{8}$ of the same cake. What fraction of the cake did they eat in all?

(1) $\frac{2}{8}$

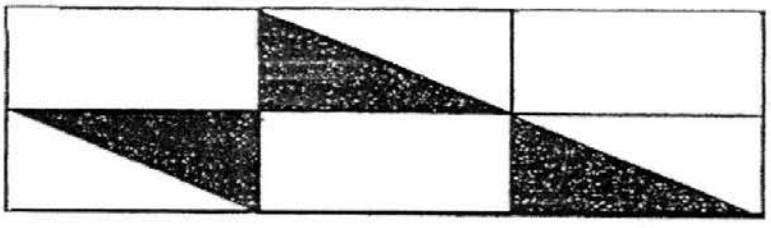
(2) $\frac{3}{8}$

(3) $\frac{5}{8}$

(4) $\frac{6}{8}$

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15. What fraction of the figure is shaded?



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

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

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

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

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Section B (35 marks)

Do not write in this space

Questions 16 to 20 carry 1 mark each. Questions 21 to 35 carry 2 marks each. Show your working clearly in the space below each question and write your answer in the answer boxes provided. Give your answers in the units stated.

16. Write eight thousand, four hundred and five in numerals.

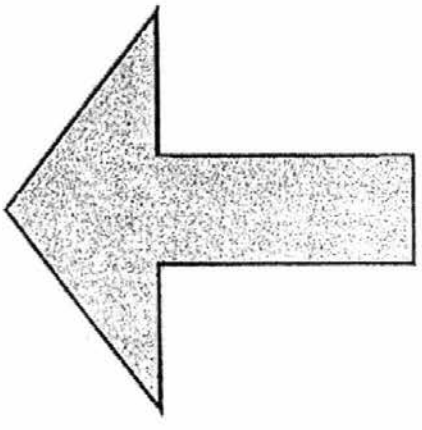
Answer: _____

17. Which letter/(s) have both perpendicular and parallel lines?

ENGLISH

Answer: _____

18. Find the number of angles in the figure below.

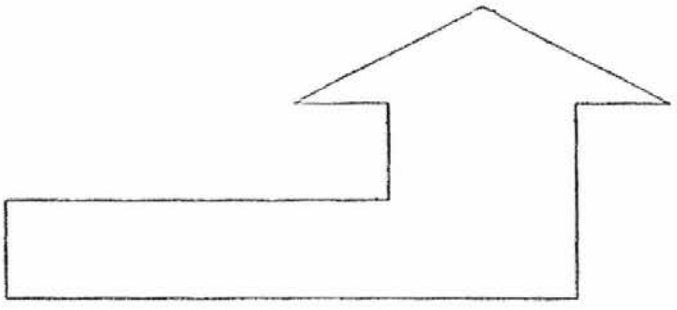


Answer: _____

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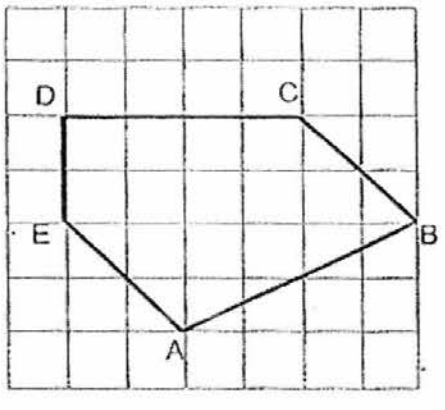
19. How many angles are greater than a right angle in the figure below?

Do not write in this space



Answer: _____

20. Name the pair of perpendicular lines in this figure.

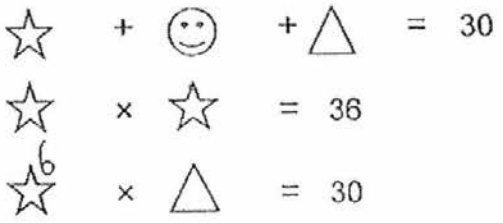


Answer: _____

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Do not write in this space

21. Study the diagram carefully.



Find 

Answer: _____

22. 568 less than 6587 is _____.

Answer: _____

23. Fill in the missing number.

$$\frac{1}{4} = \frac{2}{8} = \frac{\square}{12}$$

Answer: _____

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24. Arrange the following fractions in order. Begin with the greatest.

Do not write in this space

Answer: _____ , _____ , _____
greatest

25. Find the sum of $\frac{1}{2}$ and $\frac{1}{4}$. Leave your answer in the simplest form.

Answer: _____

26. Express 9 m 27 cm in cm.

Answer: _____ cm

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27. $2.65 + [?] = $10

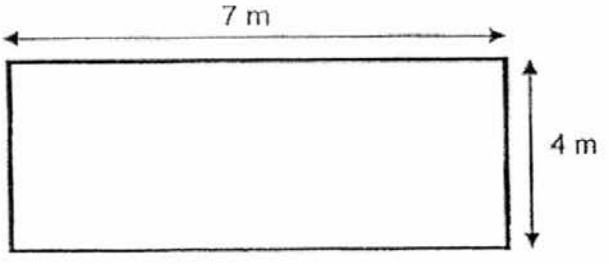
Do not write in this space

Answer: $ _____

28. 5 kg 20 g = _____ g

Answer: _____ g

29. Find the area of the rectangle below.



Answer: _____ m^2

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30. The perimeter of a square field is 64 m. Find the length of the field.

Do not write in this space

Answer: _____ m

31. There are 732 spectators at the Sports Hub.
There are 98 more adults than children.
How many children are there?

Answer: _____

32. David had $\frac{5}{9}$ of an apple pie, and he ate $\frac{1}{3}$ of it.
What fraction of David's pie was left?

Answer: _____

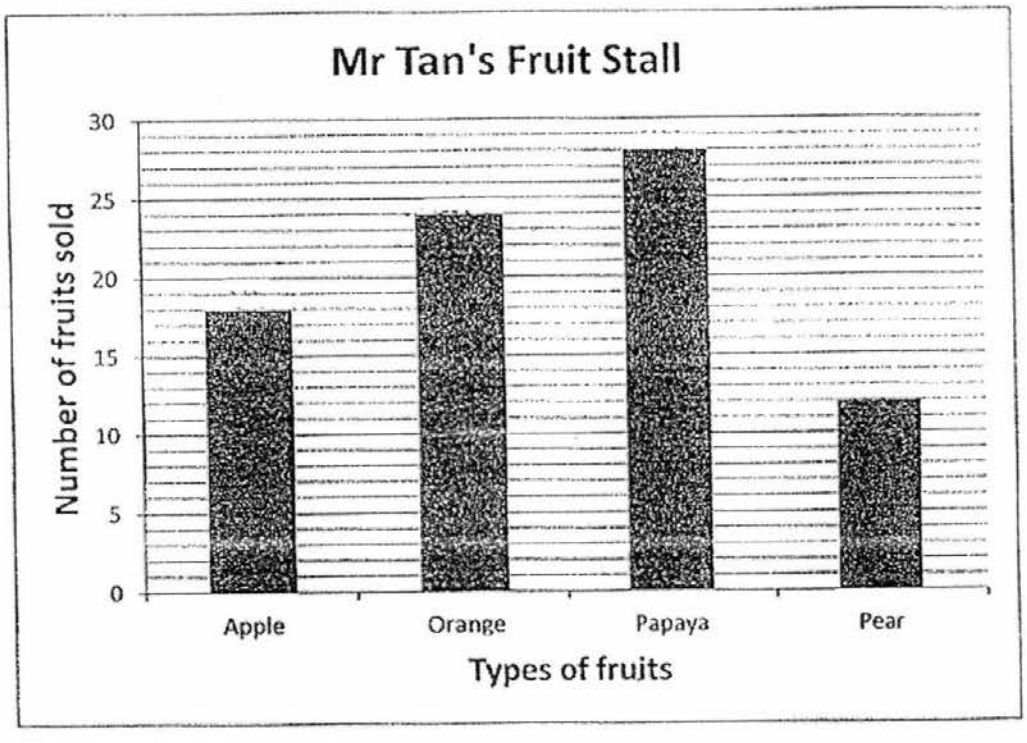
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33. Shawn had 10 boxes of pens. In each box, there were 8 pens.
He then repacked them into bundles of 6.
How many pens would be left over?

Do not write in this space

Answer: _____

34. The bar graph below shows the number of fruits Mr Tan sold last week.



a) Which fruit was sold twice as many as pears?

b) What is the total number of apples and papayas sold by Mr Tan?

Answer: (a) _____

(b) _____

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Do not write in this space

35. The picture graph below shows the number of books read by four children.

Martin	
Derek	
Eugene	
Jensen	
Each  stands for 3 books.	

How many more books did Derek read than Jensen?

Answer: _____

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Section C (20 marks)

Do not write in this space

For questions 36 to 40, show your working and statements clearly in the space below each question and write your answers in the blanks provided. The marks for each question or part question are given in the brackets. Show your units clearly.

36. Amanda, Brenda and Cathleen had some stickers.

Amanda has 787 stickers more than Brenda.

Cathleen has 345 stickers less than Brenda.

If Cathleen has 890 stickers, how many stickers does Amanda have?

Answer: _____ [4]

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37. The total cost of a television set and a fan is $880.

The television set costs 4 times as much as the fan.

Find the cost of the television set.

Do not write in this space

Answer: _____ [4]

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38. Gary, Hamid and Indra shared a total of 225 sweets.

Indra had 3 times as many sweets as Hamid.

Hamid had twice as many sweets as Gary.

How many sweets did Indra have?

Do not write in this space

Answer: _____ [4]

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39. There was 540 mℓ of water in a flask.

The capacity of the flask was 1500 mℓ.

4 more cups of water were needed to fill the flask completely.

What is the capacity of the cup?

Do not write in this space

Answer: _____ [4]

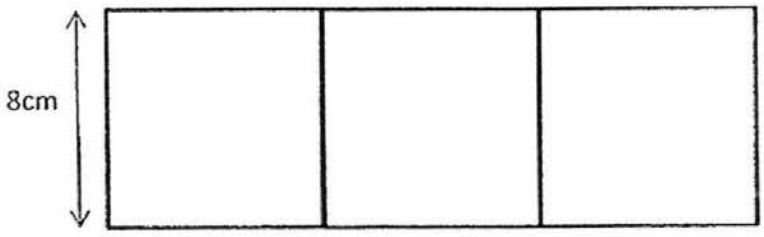
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40. As shown in the figure below, 3 square tiles are placed side by side to form a rectangle. Given the length of each square is 8cm,

a) What is the length of the rectangle?

b) What is the area of the rectangular figure?

Do not write in this space



Answer: (a) _____ [2]

(b) _____ [2]

End of paper

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EXAM PAPER 2016 (P3)

SCHOOL : ROSYTH

SUBJECT : MATHEMATICS

TERM : SA2

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

16)8405 17)E and H 18)7 19)4 20)CD and DE 21)19

22)6019 23)3 24) ¾ , ½ , 5/12 25) ¾ 26)927 cm

27)$7.35 28)5020 29)28m2 30)16m

31)732 – 98 = 634

634 ÷ 2 = 317

32)2/9

33)10 x 8 = 80

80 ÷ 6 = 13 R2

34)a)Orange

b)28 + 18 = 46

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35)15 – 6 = 9

36)890 + 787 + 345 = 2022

Amanda has 2022 stickers.

37)1u = 880 ÷ 5 = 176

Television set = 176 x 4 = 704

The cost is $704

38)225 ÷ 9 = 25

1unit → 25

6units → 25 x 6 = 150

Indra has 150 sweets.

39)1500 – 540 = 960

960 ÷ 4 = 240ml

The capacity of the cup is 240ml.

40)a)8 x 3 = 24

The length is 24cm.

b)24 x 8 = 192cm2

The area is 192 cm2

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