

Rosyth School
Weighted Assessment 2
MATHEMATICS PAPER 1
Primary 5
2021

Name: _____

Register No. _____

Class: Pr 5 - _____ Group: _____

Date: 24 August 2021

Parent's Signature: _____

Time: 25 min

Instructions to Pupils:

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

Questions	Maximum Mark	Marks Obtained
Q 1 – 5	5	
Q 6 – 14	15	
Q15 - 19	16	
Total	36	

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

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Section A - MCQ

Questions 1 to 5 carry 1 mark 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 your answer in the brackets provided.

All diagrams in this paper are not drawn to scale unless stated otherwise.

(5 marks)

1. $3 + \frac{1}{10} + \frac{5}{100} = \underline{\hspace{2cm}}$

(1) 0.315

(2) 3.015

(3) 3.105

(4) 3.150

()

2. Which of the following is the same as 6080 g?

(1) 6 kg 8 g

(2) 6 kg 80 g

(3) 60 kg 8 g

(4) 60 kg 80 g

()

3. 400 clips cost \$40.
What is the cost of one clip?

(1) \$0.01

(2) \$0.10

(3) \$1.00

(4) \$10.00

()

4. Rayson bought a bottle of soda from a stall.
Which of the following is likely to be the capacity of the bottle of soda?

- (1) 40 ml
- (2) 40 l
- (3) 400 ml
- (4) 400 l



()

5. In a pencil case, there are 25 markers. 11 of them are red, 5 of them are green and the rest are yellow. What percentage of the markers in the pencil case are yellow?

- (1) 9%
- (2) 16%
- (3) 36%
- (4) 45%

()

Go on to Section B

Section B

Do not write
in this space

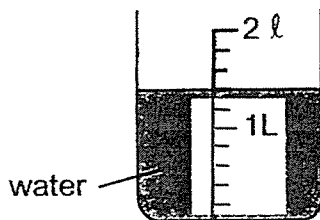
Questions 6 and 8 carry 1 mark each. Questions 9 to 14 carry 2 marks each. Show your workings clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

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(15 marks)

6. Find the sum of 10.53 and 49.6.

Ans: _____

7. How much water (in ml) is in the container?



Ans: _____ ml

8. Joe had 250 stickers. He gave 30% of his stickers away. How many stickers had he left?

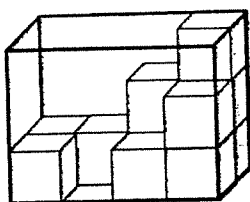
Ans: _____

- 9 The length of a piece of string is 3.15 m long. There were 8 such pieces of strings. What is the total length of the strings?
Give your answer in centimetres.

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in this space

Ans: _____ cm

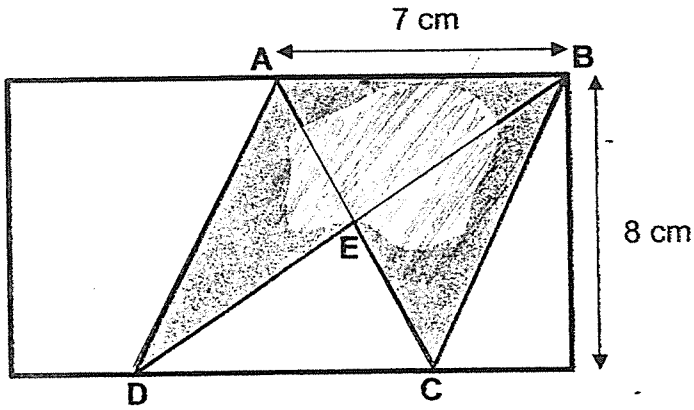
10. The figure shows a rectangular glass box partly filled with 1-cm cubes. How many more 1-cm cubes are needed to fill the box completely?



Ans: _____

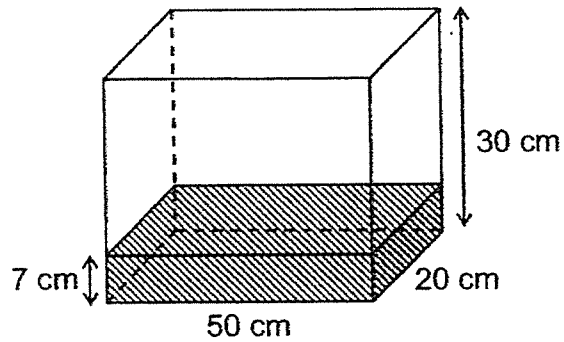
11. Look at the diagram below. Triangle ABE has an area of 14 cm^2 . Find the area of the figure ABCED.

Do not write in this space



Ans: _____ cm^2

12. How much more water (in ℓ) is needed to fill the tank to its brim?



Ans: _____ ℓ

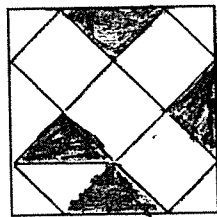
13. Mdm Rosie had 6 kg of flour. She used 5.55 kg of flour and packed the remainder equally into 9 bags. What was the mass of each bag, in kilograms?

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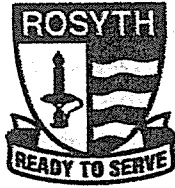
of flour

Ans: _____ kg

14. What percentage of the figure below is shaded?



Ans: _____ %



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MATHEMATICS PAPER 2
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Class: Pr 5 - _____ Group: _____

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Parent's Signature: _____

Time: 30 min

Instructions to Pupils:

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Questions	Maximum Mark	Marks Obtained
Q15 - 19	16	

* This booklet consists of 5 pages (including this cover page).

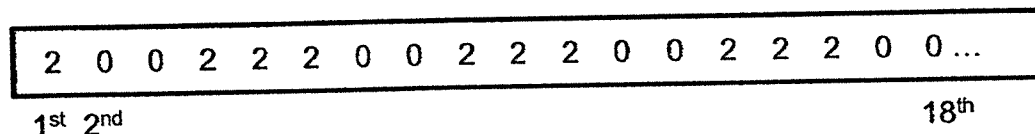
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For Questions 15 to 19, show your working clearly in the space provided for each question and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question. For questions which require units, give your answers in the units stated.

Do not write
in this space

All diagrams in this paper are not drawn to scale unless stated otherwise.
(16 marks)

15. A repeated pattern is formed using numbers 0 and 2. The first 18 numbers are shown below. What is the sum of the first 45 numbers?

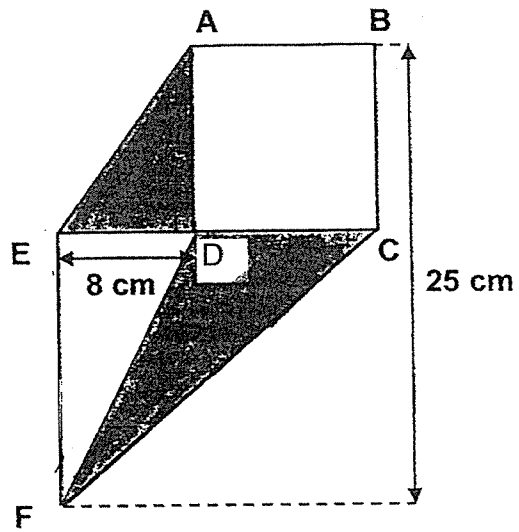


Ans: _____ [2]

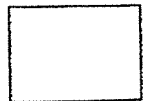
16. Adil has some cards. If he gives each of his friends 5 cards there is no remainder. If he gives each of them 3 cards instead, he will have 36 cards left. How many cards does Adil have?

Ans: _____ [3]

17. In the figure below, ABCD is a square with an area of 100 cm^2 . ADE and CDF are triangles. Given that $DE = 8 \text{ cm}$, find the area of the shaded region. Do not write in this space



Ans: _____ [3]



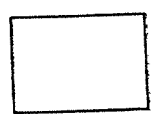
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in this space.

18. In a shop, candles are sold only in boxes. A box of 5 short candles costs \$3 and a box of 7 long candles costs \$9. Sonia bought an equal number of short and long candles. She paid \$168 more for the long candles than the short candles.

- (a) How many short candles did Sonia buy?
- (b) How much did Sonia pay in total?

Ans: a) _____ [3]

b' _____ [1]



19. Beverly wanted to paint 34 identical small boxes and 12 identical large boxes. The amount of paint she used to paint 2 large boxes was the same as that for 5 small boxes. She painted 11 small boxes and 12 large boxes with 82 l of paint.

a) How much paint was needed to paint 1 small box?

b) How many litres of paint did she need to paint all the boxes?

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in this space

Ans: a) _____ [2]

b) _____ [2]



ANSWER KEY

YEAR : 2021
LEVEL : PRIMARY 5
SCHOOL : ROYSTH SCHOOL
SUBJECT : MATHEMATICS
TERM : WEIGHTED ASSESSMENT 2

PAPER 1

Q1	4	Q2	2	Q3	2	Q4	3	Q5	3
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Q6	$10.53+49.6=60.13$
Q7	1400ml
Q8	$\frac{70}{100} \times 250 = 175$
Q9	8 strings $\rightarrow 3.15 \times 8 = 25.20\text{m}$ $25.20\text{m} = 2520\text{cm}$
Q10	Volume $\rightarrow 3 \times 2 \times 4 = 24$ Blocks inside $\rightarrow 11$ $24 - 11 = 13$
Q11	ABC $\rightarrow \frac{1}{2} \times 7 \times 8 = 28$ ABD $\rightarrow \frac{1}{2} \times 7 \times 8 = 28$ ABCD $\rightarrow 28 + 28 - 14 = 42\text{cm}^2$
Q12	Height needed $= 30 - 7 = 23$ $B+H+L = 50 \times 20 \times 23 = 23000\text{cm}^3$ $23000 \rightarrow 23\text{L}$
Q13	left $\rightarrow 6 - 5.55 = 0.45$ 1 bag $\rightarrow 0.45 \div 9 = 0.05\text{kg}$
Q14	Total units $\rightarrow 16$ shaded units $\rightarrow 4$ fraction $\rightarrow \frac{4}{16}$ $= \frac{1}{4}$ Percentage $= \frac{1}{4} = 25\%$

PAPER 2

Q15	total sum of numbers $\rightarrow 9 \times 6 = 54$
Q16	diff $\rightarrow 5 - 3 = 2$ no. of friends $\rightarrow 36 \div 2 = 18$ cards $\rightarrow 18 \times 5 = 90$ He has 90 cards

Q17	10 $AB \rightarrow \sqrt{100}$ $\text{Shaded part} \rightarrow \frac{1}{2} \times 8 \times 10 = 40$ $EF \rightarrow 25 - 10 = 15$ $\frac{1}{2} \times 15 \times 10 = 75$ $\text{area} \rightarrow 75 + 40 = 115 \text{cm}^2$ $\text{The area is } 115 \text{cm}^2$
Q18	<p><u>Short</u></p> $5 \text{ short} \rightarrow \3 $35 \text{ short} \rightarrow 7 \times 3 = 21$ <p><u>Long</u></p> $7 \text{ Long} \rightarrow \9 $35 \text{ Long} \rightarrow 5 \times 9 = \45 $1 \text{ set diff} \rightarrow 45 - 21 = 24$ $\text{Group} \rightarrow 168 \div 24 = 7$ $\text{Short} \rightarrow 7 \times 35 = 245 \text{ (ans (a))}$ $\text{Total} \rightarrow (21 + 45) \times 7 = 462 \text{ (ans (b))}$
Q19	$2L \rightarrow 5 \text{ small box}$ $12 \div 2 \times 5$ $= 6 \times 5$ $= 30$ $\text{Total small boxes} \rightarrow 30 + 11$ $= 41$ $1 \text{ small box} \rightarrow 82 \div 41$ $= 2L \text{ (ans (a))}$ $34 \text{ small box} = 2 \times 34$ $= 68$ $1 \text{ large box} \rightarrow 2 \times 5 \div 2$ $= 10 \div 2$ $= 5$ $5 \times 12 = 60$ $\text{total point} \rightarrow 60 + 68 = 128 \text{ (ans (b))} = 128 \text{ ✓}$

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END