**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

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## 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.  $3 + \dfrac{1}{10} + \dfrac{5}{100} =$ _____

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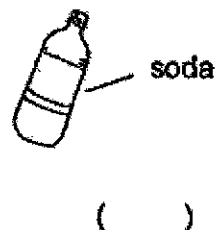
3.  400 clips cost $40.
    What is the cost of one clip?

    (1)   $0.01
    (2)   $0.10
    (3)   $1.00
    (4)   $10.00                                                         (     )

(Go on to the next page)

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

(     )

soda

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%

(     )
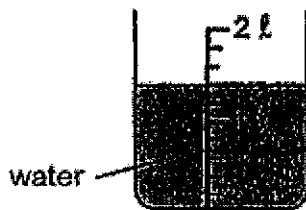
3

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**Section B**

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?



water

Ans: _____ ml

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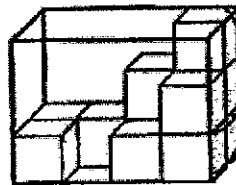
Ans: _____

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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?
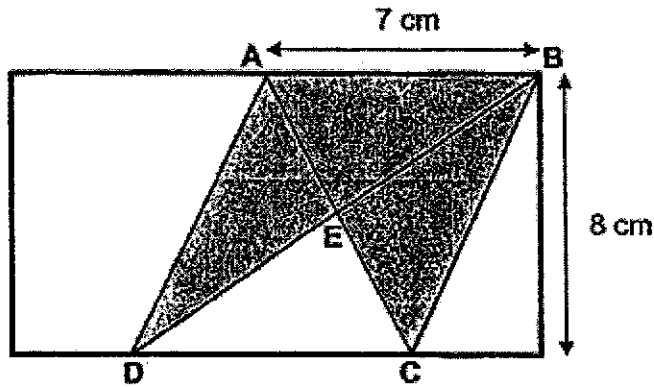    Give your answer in centimetres.

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?
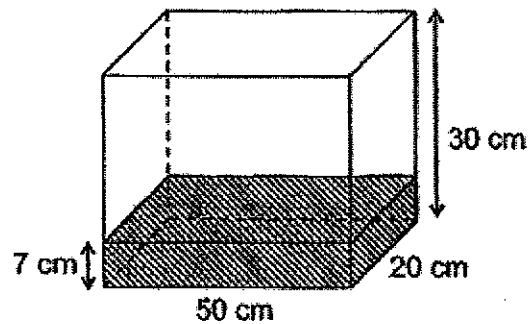


Ans: _____

11. Look at the diagram below. Triangle ABE has an area of 14 cm². Find the area of the figure ABCED.

7 cm

8 cm

A B

E

D C

Ans: _____ cm²

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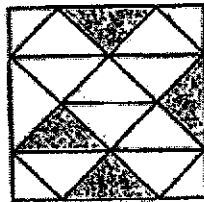
30 cm

7 cm

20 cm

50 cm

Ans: _____ l

(Go on to the next page)

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?

Ans: _____ kg

14. What percentage of the figure below is shaded?



Ans: _____ %

7

**End of paper**
**Have you checked your work?**

**Rosyth School**
**Weighted Assessment 2**
**MATHEMATICS PAPER 2**
**Primary 5**
**2021**

Name: _____          Register No. _____

Class: Pr 5 -_____          Group:_____

Date: 24 August 2021          Parent's Signature: _____

Time: 30 min

_____

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5. You are allowed to use a calculator.
6. Answer all questions.

| 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.

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(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?

| 2 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 0 | 0 ... |

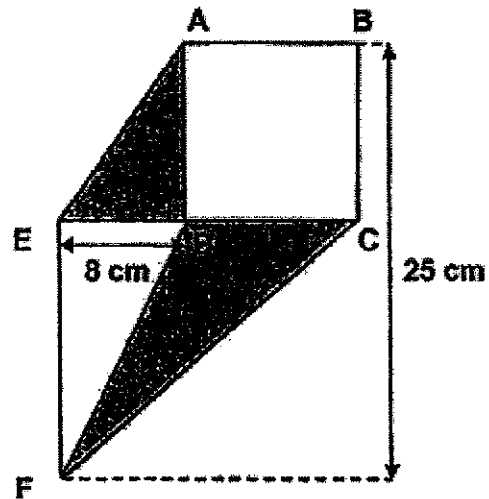1st  2nd                                                                18th

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]

(Go on to the next page)

17. In the figure below, ABCD is a square with an area of 100 cm². ADE and CDF
are triangles. Given that DE = 8 cm, find the area of the shaded region.



Ans: _____ [3]

(Go on to the next page)

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]

(Go on to the next page)

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 $\ell$ 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?

Ans: a) _____ [2]

b) _____ [2]

5

End of paper
Have you checked your work?

**SCHOOL :   ROSYNTH PRIMARY SCHOOL**
**LEVEL   :   PRIMARY 5**
**SUBJECT :   MATH**
**TERM    :   2021 WA2**

## PAPER 1 BOOKLET A

| Q 1 | Q2 | Q3 | Q4 | Q5 |
|-----|----|----|----|----|
| 4   | 2  | 2  | 3  | 3  |

## PAPER 1 BOOKLET B

| Q6)  | 60.13 |
|------|-------|
| Q7)  | 1400mℓ |
| Q8)  | 175 stickers |
| Q9)  | 3.15 x 100 = 315<br>315 x 8 = 2520<br>Ans: 2520cm |
| Q10) | Capacity: 4 x 2 x 3 = 24<br>No. of cubes: 7 + 4 = 11<br>Cubes needed: 24 – 11 = 13<br>Ans: 13 cubes |
| Q11) | 14 x 3 = 42<br>Ans: 42cm² |
| Q12) | Height needed: 30 – 7 = 23<br>Water needed: 50 x 20 x 23 = 23000<br>23000cm³ = 23ℓ<br>Ans: 23ℓ |
| Q13) | Remainder: 6 – 5.55 = 0.45<br>Each bag: 0.45 ÷ 9 = 0.05<br>Ans: 0.05kg |
| Q14) | Total: 12 + 4 = 16<br>$\frac{4}{16}$ x 100 = 25<br>Ans: 25% |

## PAPER 2

| | |
|---|---|
| Q15) | Every group of (20022) has a sum of 6 <br> Number of numbers in 1 group is 5 <br> $45 \div 5 = 9$ <br> $9 \times 6 = 54$ <br> **Ans: 54** |
| Q16) | **No remainder** <br><br> \| 5 \| 5 \| 5 \| ... \| <br><br> **Remainder** <br><br> \| 3 \| 3 \| 3 \| ... \| 36 \| <br><br> $5 - 3 = 2$ <br> $36 \div 2 = 18$ <br> $18 \times 5 = 90$ <br> **Ans: 90 cards** |
| Q17) | Length of ABCD: $100 \div 10 = 10$ <br> AOE: $10 \times 8 \times \frac{1}{2} = 40$ <br> CDF: $15 \times 10 \times \frac{1}{2} = 75$ <br> Total: $40 + 75 = 115$ <br> **Ans: $115 cm^2$** |
| Q18) | **Short** <br> $5 \rightarrow \$3$ <br> $35 \rightarrow \$3 \times \$7 = \$21$ <br><br> **Long** <br> $7 \rightarrow \$9$ <br> $35 \rightarrow \$9 \times \$5 = \$45$ <br><br> a) 1 set diff: $45 - 21 = 24$ <br>    No. of sets: $168 \div 24 = 7$ <br>    $S - 35 \times 7 = 245$ <br>    **Ans: 245 candles** <br><br> b) Short candles: $3 \times 7 \times 7 = 147$ <br>    Long candles: $9 \times 5 \times 7 = 315$ <br>    Total: $315 + 147 = 462$ <br>    **Ans: \$462** |
| Q19) | a) $2LB \rightarrow 5SB$ <br>    $12LB \rightarrow 30SB$ <br>    $41SB \rightarrow 82$ <br>    $1SB \rightarrow 82 \div 41 = 2$ <br>    **Ans: 2ℓ** <br><br> b) $12LB \rightarrow 2 \times 30 = 60$ <br>    $34SB \rightarrow 2 \times 34 = 68$ <br>    Total $\rightarrow 60 + 68 = 128$ <br>    **Ans: 128ℓ** |