ROSYTH SCHOOL
2024 WEIGHTED ASSESSMENT (TERM TWO)
PRIMARY 5 MATHEMATICS
PAPER 1

Name: _____ _____ Register No. _ ____

Class: Pr 5 _____

Date: 3 May 2024

Total time for Booklet A and B: 25 minutes

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. Use a dark blue or black ballpoint pen to write your answers in the bracket provided for each question.
5. Do not use correction fluid/tape or highlighters.
6. The use of a calculator is **not** allowed.

Section	Maximum Mark	Marks Obtained
Paper 1 **(Booklet A)**	5	

* This paper **consists of 3 printed pages** altogether (including the cover page).

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)

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1. Find the missing number in the box.

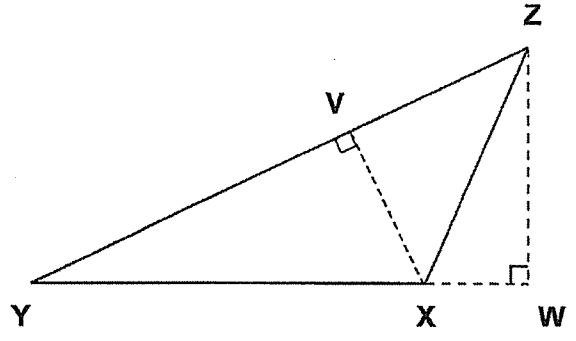
   $280 \times 500 = \boxed{?}$

   (1) 1400
   (2) 14 000
   (3) 140 000
   (4) 1 400 000 ( )

2. In a box of apples, 8 of them are red and 12 of them are green. Express the ratio of the number of red apples to the total number of apples in its simplest form.

   (1) 2 : 3
   (2) 2 : 5
   (3) 3 : 2
   (4) 3 : 5 ( )

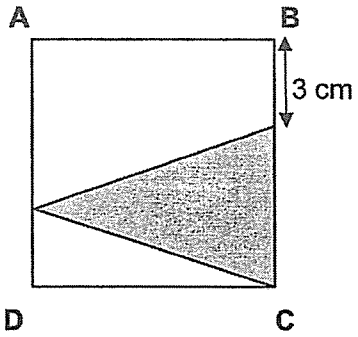
3. In Triangle XYZ, the base is XY. Name its height.



   (1) WZ
   (2) VX
   (3) XZ
   (4) YZ ( )

(Go on to the next page)

4. In the diagram below, ABCD is a square of side 10 cm. Find the area of the shaded triangle.



(1) 15 cm^2
(2) 30 cm^2
(3) 35 cm^2
(4) 70 cm^2 ( )

5. A bottle contained $\frac{8}{9}\ \ell$ of milk. Wilson drank $\frac{3}{4}\ \ell$ of it. How much milk was left in the bottle?

(1) $\frac{1}{4}$
(2) $\frac{2}{9}\ \ell$
(3) $\frac{2}{3}\ \ell$
(4) $\frac{5}{36}\ \ell$ ( )

(Go on to Booklet B)

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Name: _____ Register No. _____

Class: Pr 5_ _____

Date: 3 May 2024

Total time for Booklet A and B: 25 minutes

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. Use a dark blue or black ballpoint pen to write your answers in the space provided for each question.
5. Do not use correction fluid/tape or highlighters.
6. The use of a calculator is **not** allowed.

Section	Maximum Mark	Marks Obtained
Paper 1 **(Booklet B)**	15	

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

Questions **6** to **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. ***All diagrams in this paper are not drawn to scale unless stated otherwise.***

(15 marks)

Do not write in this space

6. Find the value of $24 + 6 \times (13 - 9) \div 3$.

Ans: _____

7. Find the missing number in the box.

$\boxed{?} : 4 = 15 : 20$

Ans: _____

8. Arrange the following fractions from the smallest to the greatest.

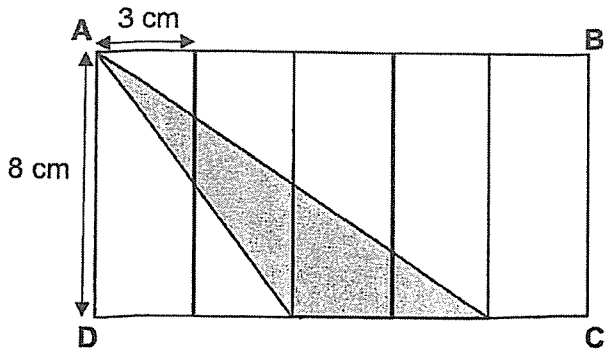
$\frac{5}{7}$ $\frac{4}{9}$, $\frac{1}{2}$

Ans: _____ , _____ , _____
smallest greatest

(Go on to the next page)

9. Rectangle ABCD is made up of 5 identical rectangles. Find the area of the shaded triangle.

Do not write in this space



Ans: _____ cm^2

10. The lengths of three ribbons are in the ratio 2 : 3 : 4. The total length of the three ribbons is 126 cm. What is the length of the shortest ribbon?

Ans: _____ cm

(Go on to the next page)

11. Find the product of $\frac{5}{6}$ and $\frac{8}{5}$. Express your answer as a mixed number in its simplest form.

Do not write in this space

Ans: _____

12. Ali bought some cookies. He ate $\frac{1}{4}$ of them on Monday and $\frac{1}{6}$ of them on Tuesday. He ate 9 more cookies on Monday than on Tuesday. How many cookies did Ali buy altogether?

Ans: _____

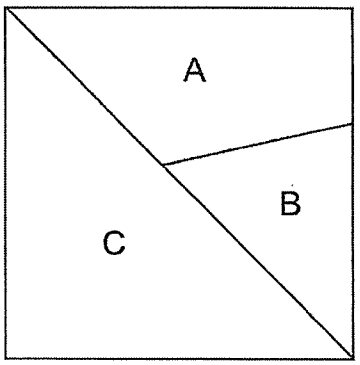
(Go on to the next page)

13. At a shop, 1 T-shirt and 2 similar pairs of pants cost $180. 3 such T-shirts and 2 such pairs of pants cost $320. Find the cost of 1 pair of pants.

Do not write in this space

Ans: $_____

14. A square is divided into 3 parts, A, B and C. The ratio of Area A to Area B is 8 : 5. The difference between Area B and Area C is 40 cm^2. Find the area of the square.



Ans: _____ cm^2

End of Paper 1

ROSYTH SCHOOL
2024 WEIGHTED ASSESSMENT (TERM TWO)
PRIMARY 5 MATHEMATICS
PAPER 2

Name: _____ Register No. _____

Class: Pr 5_ _____

Date: 3 May 2024

Time: 30 minutes

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. Use a dark blue or black ballpoint pen to write your answers in the space provided for each question.
5. Do not use correction fluid/tape or highlighters.
6. The use of a calculator is allowed.

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

* This booklet **consists of 6 printed pages** (including this cover page).

For questions **15** to **19**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question. ***All diagrams in this paper are not drawn to scale unless stated otherwise.***

Do not write in this space.

(16 marks)

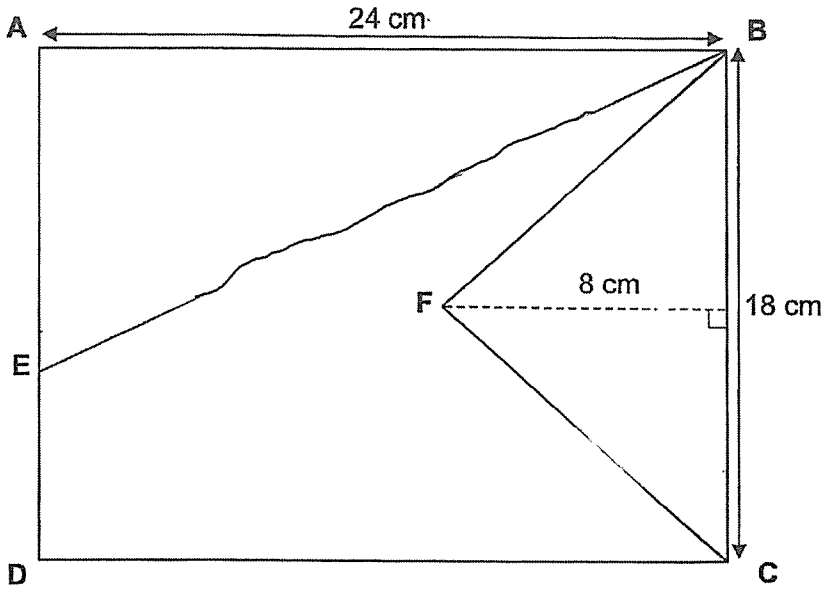
15. There was an equal number of men and women at the hall at first. Later on, 28 men left the hall and 44 women entered the hall. In the end, there were three times as many women as men in the hall. How many women were in the hall at first?

Ans: _____ [2]

(Go on to the next page)

16. The figure below shows Rectangle ABCD, measuring 24 cm by 18 cm. The length of AD is 3 times the length of ED. Find the shaded area.

Do not write in this space.



Ans: _____ [3]

17. Wei Ming read a book over 3 days. He read $\frac{1}{5}$ of it on Wednesday, $\frac{5}{8}$ of the remaining pages on Thursday and the rest of the book on Friday. Wei Ming read 57 pages on Friday. How many pages were there in the book?

Do not write in this space.

Ans: _____ [3]

(Go on to the next page)

18. Mr Lee had some money. He could either buy exactly 27 apples or 36 pears with his money. He had already bought 5 apples and 8 pears. How many more apples could Mr Lee buy with the remaining money?

Do not write in this space.

Ans: _____ [4]

(Go on to the next page)

19. Cindy spent $\frac{1}{7}$ of her money and an additional \$8 on a bag. She spent $\frac{1}{4}$ of her remaining money and an additional \$5 on a wallet. She had \$43 left. How much money did Cindy spend on the bag and the wallet altogether?

Do not write in this space.

Ans: _____ [4]

End of Paper 2

Paper 1

Booklet A

Q1	Q2	Q3	Q4	Q5
3	2	1	3	4

Booklet B

Q6	24 + 6 x (13 – 9) ÷ 3 = 24 + 6 x 4 ÷ 3 = 24 + 24 ÷ 3 = 24 + 8 = 32 (ANS)
Q7	20 ÷ 4 = 5 15 ÷ 5 = 3 (ANS)
Q8	$\frac{5}{7} = \frac{45}{63}$ $\frac{4}{9} = \frac{28}{63}$ $\frac{4}{9}$ Smallest, $\frac{1}{2}$, $\frac{5}{7}$ Greatest (ANS)
Q9	$\frac{1}{2}$ x 6 x 8 = 24cm^2 (ANS)
Q10	1u = 126 ÷ 9 = 14 2u = 2 x 14 = 28cm (ANS)
Q11	$\frac{5}{6} \times \frac{8}{5} = \frac{40}{30} = \frac{4}{3} = 1\frac{1}{3}$ (ANS)
Q12	$\frac{1}{4} = \frac{3}{12}$ $\frac{1}{6} = \frac{2}{12}$ 1u = 9 12u = 12 x 9 = 108 (ANS)
Q13	1T + 2P = $180 3T + 2P = $320 2T = $320 - $180 = $140 1T = $140 ÷ 2 = $70 2P = $180 - $70 = $110 1P = $110 ÷ 2 = $55 (ANS)
Q14	A + B = C A + B = 13u C = 13u 8u = 40 1u = 5 26u = 26 x 5 = 130 (ANS)
Q15	2u = 28 + 44 = 72 1u = 36 3u = 108

	Woman at first = 108 – 44 = 64
Q16	AD = 18cm = 3 x ED ED = 6cm AE = 12cm Total Area = 24 x 18 = 432cm^2 Area of ABE = $\frac{1}{2}$ x 12 x 24 = 144cm^2 Area of BCF = $\frac{1}{2}$ x 18 x 8 = 72cm^2 Shaded Area = 432 – 144 – 72 = 216cm^2
Q17	Wednesday = $\frac{1}{5}$ of book Friday = $\frac{3}{8}$ x $\frac{4}{5}$ = $\frac{12}{40}$ = $\frac{3}{10}$ of book $\frac{3}{10}$ of book = 57 pages Total pages of book = 57 ÷ 0.3 = 190 pages (ANS)
Q18	27 apples = 36 pears 9 apples = 12 pears 3 apples = 4 pears 6 apples = 8 pears 5 + 6 = 11 27 – 11 = 16 (ANS)
Q19	$\frac{1}{7}$ of Initial amount + \$8 = Bag Remaining = $\frac{6}{7}$ – \$8 $\frac{1}{4}$ of remaining + \$5 = Wallet $\frac{3}{4}$ of remaining - \$5 = \$43 $\frac{3}{4}$ of remaining = \$43 + \$5 = \$48 Remaining = \$48 ÷ $\frac{3}{4}$ = \$64 Remaining = $\frac{6}{7}$ – \$8 = \$64 $\frac{6}{7}$ of Initial amount = \$64 + \$8 = \$72 Initial amount = \$72 ÷ $\frac{6}{7}$ = \$84 Bag = $\frac{1}{7}$ x \$84 + \$8 = \$20 Remaining = \$84 - \$20 = \$64 Wallet = $\frac{1}{4}$ of remaining + \$5 = $\frac{1}{4}$ x \$64 + \$5 = \$21 Total spent = \$20 + \$21 = \$41 (ANS)