Maha Bodhi School

2024 Weighted Assessment 2

Mathematics

Primary 5

30

Name: _____ ( )

Class: Primary 5 _____ Duration: 50 minutes

Date: 19 August 2024 Parent's Signature: _____

Note: The use of an approved calculator is allowed.

Questions **1** to **3** 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. (6 marks)

1. 11 girls shared 8 m of ribbon. Find the rength of ribbon each girl received.
   Give your answer correct to 2 decimal places.

Ans: _____ m

2. 2.51 = _____ hundredths

Ans: _____

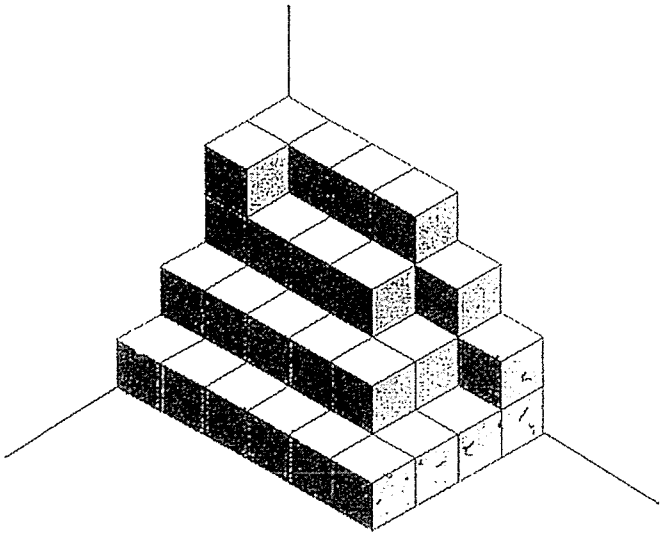
/ 4

3. Mr Tan mixed 2 ℓ 50 ml of water with 750 ml of lemon juice to make some lemonade. Find the ratio of the amount of lemon juice used to the amount of lemonade he made. Express your answer in the simplest form.

Ans: _____

For questions **4** to **10**, 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.
(24 marks)

4. The solid below is made up of 1-cm cubes. How many more 1-cm cubes must be added to the solid to form a cuboid measuring 6 cm by 4 cm by 4 cm?



Ans: _____ [3]

/ 5

5. Aaron has less than 110 stickers.
If he gives 6 stickers to each of his friends, he will have no sticker left.
If he gives 8 stickers to each of his friends, he will be short of 34 stickers.
How many stickers does Aaron have?

Ans: _____ [3]

6. Nancy bought some pens at $1.85 each and some correction tapes at $3.50 each. She bought 16 more pens than correction tapes and spent a total of $147.30. How many correction tapes did she buy?

Ans: _____ [4]

/ 7

7. Daniel spent \$1825 of his salary on rent and \$1150 on some new furniture.

He gave $\frac{5}{9}$ of the remaining to his parents and had $\frac{1}{4}$ of his salary left.

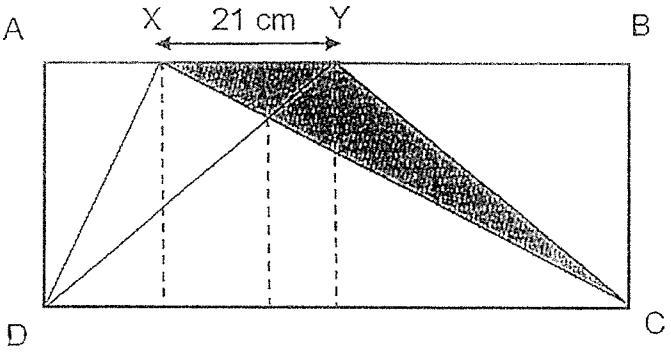
How much was Daniel's salary?

Ans: _____ [4]

/ 4

8. ABCD is a rectangle with an area of 2170 cm^2. X and Y are points on AB.

AX is $\frac{1}{5}$ of AB and AY is $\frac{1}{2}$ of AB. XY is 21 cm. Find the height of triangle XYC.



Ans: _____ [3]

9. 18 identical comic books and 12 identical storybooks were stacked up to a height of 69.42 cm. When 10 of the comic books and 4 of the storybooks were removed, the height of the remaining stack was 35.6 cm.

What was the thickness of each comic book?

Ans: _____ [3]

/ 6

10. An equal number of boys and girls attended a school event in the morning.
In the afternoon, another 84 boys joined and 28 girls left.
In the evening, another 41 boys and 33 girls joined.
In the end, there were 5 times as many boys as girls.
How many children attended the school event in the morning?

Ans: _____ [4]

/ 4

Remember to check your work!

~ End of Paper ~

ANSWER KEY

YEAR : 2024
LEVEL : PRIMARY 5
SCHOOL : MAHA BODHI
SUBJECT : MATHEMATICS
TERM : WA 2

Q1	0.23m	Q2	2.51 ÷ 0.01 = 251
Q3	2050 + 750 = 2800 LJ. : Lemonade 15. : 56	Q4	24 − 8 = 16 16 – 7 = 9 9 – 4 = 5 24 + 16 + 9 + 3 = 54 24 x 4 = 96 96 – 54 = 42
Q5	110 ÷ 6 ≈ 18 18 x 6 = 108 18 x 8 – 34 = 110 17 x 6 = 102 17 x 8 – 34 = 102	Q6	1.85 x 16 = 29.60 147.30 – 29.60 = 117.70 1.85 + 3.50 = 5.35 117.70 ÷ 5.35 = 22
Q7	16u – 9u = 7u 7u = 1825 + 1150 = 2975 1u = 2975 ÷ 7 = $425 16u = 425 x 26 = 6800	Q8	$3u$ = 21cm 1u = 21 ÷ 3 = 7cm 10u = 7 x 10 = 70cm Height of Δ XYC = BC =2170 ÷ 70 = 31cm
Q9	18 – 10 = 8cm 12 – 4 = 8sb 35.6 = 8cb + 8sb 69.42 x 2 = 138.84 =36cb + 24sb 35.6 x 3 = 106.8 =24cb + 24sb =36cb + 24sb 24 ÷ 8 = 3 138.84 – 106.8 = 32.04 32.04 ÷ 12 = 2.67cm	Q10	4u + (5x5) = 125 4u = 125- 25 = 100 1u = 100 ÷ 4 = 25 2u = 25 x 2 = 50 SP = 1u + 41 + 84 (2u = 100÷2=50) SP = 1u + 125 SU + 25 = 1u + 125 1p = 1u + 33 – 28 1p = 1u + s SP = 5u + 25 4u = 125 – 25 = 100

END