Maha Bodhi School

2024 Weighted Assessment 1

Mathematics

Primary 5

/ 30

Name: _____ ( )

Class: Primary 5 _____ Duration: 45 minutes

Date: 23 April 2024 Parent's Signature: _____

Note: The use of calculators is **NOT** allowed.

Questions **1** to **6** carry 1 mark each. Questions **7** to **10** carry 2 marks 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 choice in the bracket ( ) provided.
(14 marks)

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1. In 280 945, the digit 8 is in the _____ place.

(1) hundreds
(2) thousands
(3) ten thousands
(4) hundred thousands ( )

2. The population of a country is 4 million when the number is rounded to the nearest thousand. What is the largest possible population of the country?

(1) 4 000 290
(2) 4 000 490
(3) 4 000 690
(4) 4 000 890 ( )

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3. Which one of the following fractions is greater than $\frac{3}{5}$?

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

(2) $\frac{4}{7}$

(3) $\frac{5}{9}$

(4) $\frac{6}{11}$ ( )

4. Express $3\frac{1}{20}$ as a decimal.

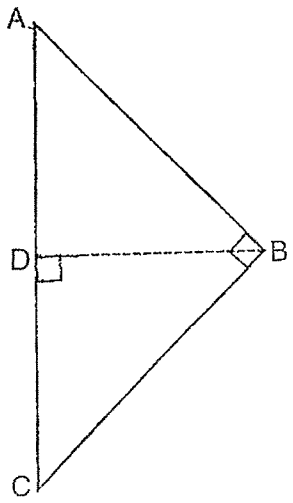
(1) 3.1

(2) 3.5

(3) 3.05

(4) 3.12 ( )

5. Which of the following **cannot** be the height of triangle ABC?



(1) AB

(2) AC

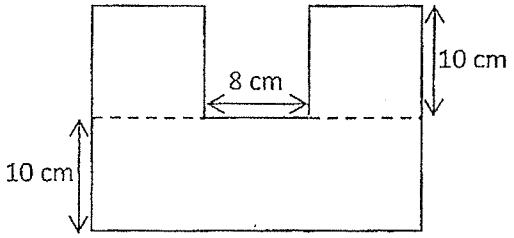
(3) BC

(4) BD ( )

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6. The figure below is made up of 2 identical squares and a rectangle.
Find the area of the figure.



(1) 180 cm^2
(2) 280 cm^2
(3) 380 cm^2
(4) 480 cm^2 ( )

7. Mdm Siti bought 248 coloured pens for Children's Day.
She gave her class of 42 pupils 3 coloured pens each.
She also gave her daughter 2 coloured pens.
How many coloured pens did she have left?

(1) (248 – 42) x 3 – 2
(2) 248 – (42 x 3) – 2
(3) 248 – (42 x 3 – 2)
(4) 248 – 42 x (3 – 2) ( )

8. The sum of two numbers is 489.
The difference between the two numbers is 195.
What is the smaller number?

(1) 147
(2) 294
(3) 342
(4) 684 ( )

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9. Miss Tan had 32 m of ribbons at first.

She used $\frac{1}{2}$ m to tie a gift box.

How much ribbons would she have left after tying 15 identical gift boxes?

(1) $16\frac{1}{2}$ m

(2) $17\frac{1}{2}$ m

(3) $24\frac{1}{2}$ m

(4) $39\frac{1}{2}$ m ( )

10. Jenny took $3\frac{1}{3}$ h to complete a marathon. She took $1\frac{1}{4}$ h more to complete than Kylie. How long did Jenny and Kylie take to complete the marathon in total?

(1) $7\frac{11}{12}$ h

(2) $5\frac{5}{12}$ h

(3) $4\frac{7}{12}$ h

(4) $2\frac{1}{12}$ h ( )

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Questions **11** to **14** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (4 marks)

11. Write three million, forty-eight thousand and six in numerals.

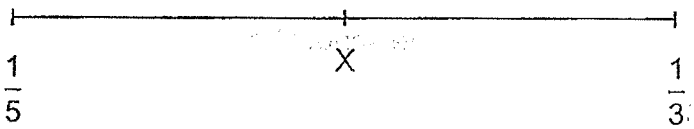
Ans: _____

12. List all the common factors of 12 and 18.

Ans: _____

13. X represents a fraction exactly between $\frac{1}{5}$ and $\frac{1}{3}$ on the number line below.

What is the fraction represented by X?



Ans: _____

14. $\frac{2}{3} - \square = \frac{5}{12}$

What is the missing fraction in the box?

Ans: _____

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Questions **15** to **20** carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (12 marks)

15. Given that a number is 280, what is $\frac{5}{8}$ of the number?

Ans: _____

16. Yan Jun is having a lesson in the school hall.
There are 5 rows of pupils in front of him and 6 rows of pupils behind him.
There are 4 pupils to his right and 6 pupils to his left.
How many pupils are there in the school hall altogether?

Ans: _____

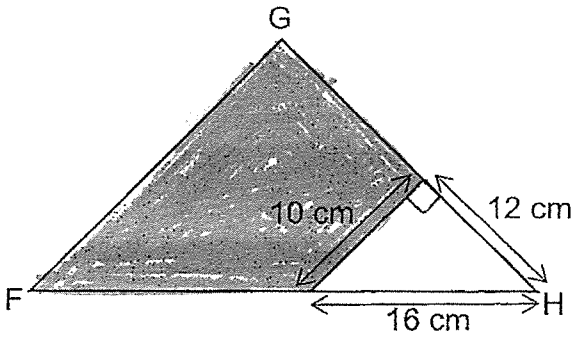
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17. Xin Qi had a sum of money. She saved $\frac{3}{7}$ of the sum of money and gave $\frac{1}{2}$ of the remaining sum of money to her mother. She had $42 left. How much money had she at first?

Ans: $ _____

18. In the figure, the area of triangle FGH is 336 cm^2. Find the shaded area.



Ans: _____ cm^2

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19. A repeated pattern is formed using the numbers 0, 1 and 2.

The first 15 numbers are shown below.

What is the sum of the first 46 numbers?

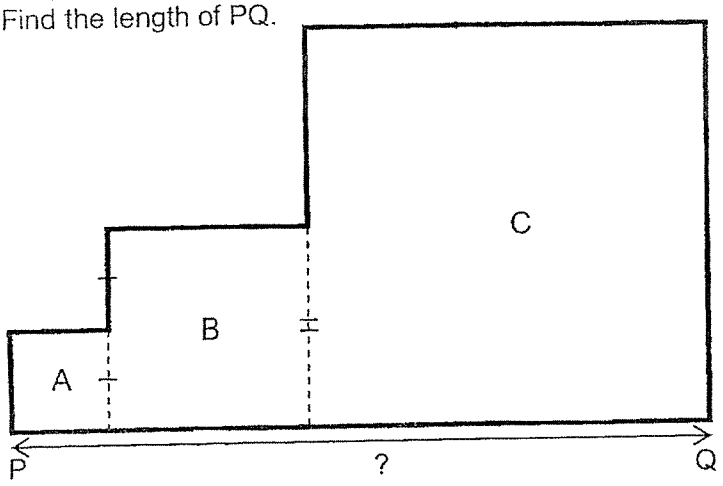
0	1	2	0	0	1	2	0	0	1	2	0	0	1	2
1st	2nd													15th

Ans: _____

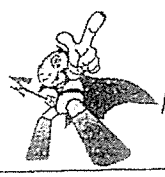
20. Mr Lee had a farm made up of 3 squares, A, B and C, as shown in the figure below.

He fenced around the whole plot of land using 2200 m of fencing.

Find the length of PQ.



Ans: _____ m



Remember to check your work!

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ANSWER KEY

YEAR : 2024
LEVEL : PRIMARY 5
SCHOOL : MAHA BODHI
SUBJECT : MATHEMATICS
TERM : WA 1

Q1	3	Q2	2	Q3	1	Q4	3	Q5	2
Q6	4	Q7	2	Q8	1	Q9	3	Q10	2

Q11	3048006	Q12	1 , 2 , 3 , 6
Q13	$\frac{4}{15}$	Q14	$\frac{2}{3} - \frac{5}{12} = \frac{8}{12} - \frac{5}{12} = \frac{3}{12}$
Q15	280 ÷ 8 = 35 35 X 5 = 175	Q16	5 + 1 + 6 =12 4 + 1 + 6 = 11 12 + 11 = 132
Q17	1 units = 42 ÷ 2 = 21 7 units = 21 x 7 = 147 ANS : $147	Q18	$\frac{1}{2}$ x 12 x 10 = 60 336 – 60 = 276cm^2
Q19	Sum of 1 set 1 + 2 = 3 46 ÷ 4 = 11 setsR2 Sum of 11 sets 3 x 11 = 33 33 + 0 + 1 = 34	Q20	1 + 1 + 2 + 2 + 4 + 4 + 4 + 2 + 1 + 1 = 22 2200 ÷ 22 = 100 1 + 2 + 4 = 7 100 x 7 = 700m

END

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