HENRY PARK PRIMARY SCHOOL
2023 WEIGHTED ASSESSMENT 1
MATHEMATICS
PRIMARY 5

Name: _____ ( )

Class: Primary 5_____

Duration of Paper: 40 min

Marks:

Section A Multiple Choice Questions	12
Section 2 Long Answer Questions	18
Total	30

The use of calculator is **not** allowed.

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Questions **1** to **6** carry 1 mark each. Questions **7** to **9** 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 shade your answer in the Optical Answer Sheet.

(12 marks)

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1 What is the value of the digit 8 in the number 282 405?

(1) 80

(2) 800

(3) 8000

(4) 80 000

2 Which of the following is not a factor of 36?

(1) 6

(2) 9

(3) 16

(4) 18

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3 Which of the following has the same value as $4\frac{3}{8}$?

(1) $\frac{28}{8}$

(2) $\frac{35}{8}$

(3) $\frac{43}{8}$

(4) $\frac{56}{8}$

4 Which of the following fractions is the smallest?

(1) $\frac{5}{11}$

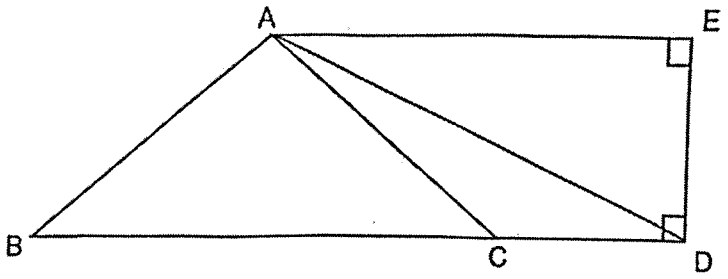
(2) $\frac{5}{9}$

(3) $\frac{5}{8}$

(4) $\frac{5}{6}$

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5 The figure below is made up of 3 triangles, ABC, ACD and ADE. BCD is a straight line. Given that the base of triangle ACD is CD, name the height of triangle ACD.



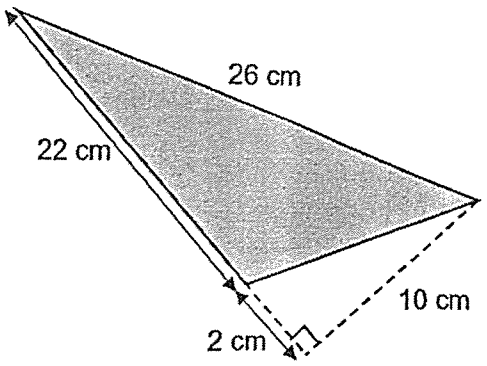
(1) AB

(2) AC

(3) EA

(4) ED

6 Find the area of the shaded triangle.



(1) 110 cm^2

(2) 120 cm^2

(3) 130 cm^2

(4) 220 cm^2

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7 In a class of 42 students, 18 are girls. Express the ratio of the number of girls to the number of boys in the class.

(1) 9 : 21

(2) 3 : 4

(3) 4 : 7

(4) 4 : 3

8 Janet spent $\frac{2}{5}$ of her money on a cake and $\frac{1}{3}$ of the remainder on a cookie. What fraction of her money had she left?

(1) $\frac{1}{5}$

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

(3) $\frac{2}{15}$

(4) $\frac{4}{15}$

9 A repeated pattern is formed using the numbers 3 and 0.
The first 15 numbers are shown below.

0	3	0	3	3	0	3	0	3	3	0	3	0	3	3
1st	2nd	3rd												15th

What is the sum of the first 103 numbers?

(1) 120

(2) 180

(3) 183

(4) 228

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Questions **10** to **13** carry 1 mark each. Questions **14** to **20** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(18 marks)

10 Find the value of $4 + (101 + 19) + 2$

Ans: _____

11 Find the value of $\frac{7}{15} - \frac{1}{3}$.

Ans: _____

12 What is the missing number in the following?

$3 : 7 = 27 : \boxed{?}$

Ans: _____

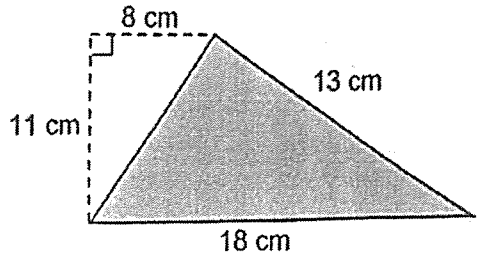
13 Form the smallest even number using all the digits given below. Each digit can only be used once.

2, 7, 0, ∅, 9, 4

Ans: _____

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14 Find the area of the shaded triangle.



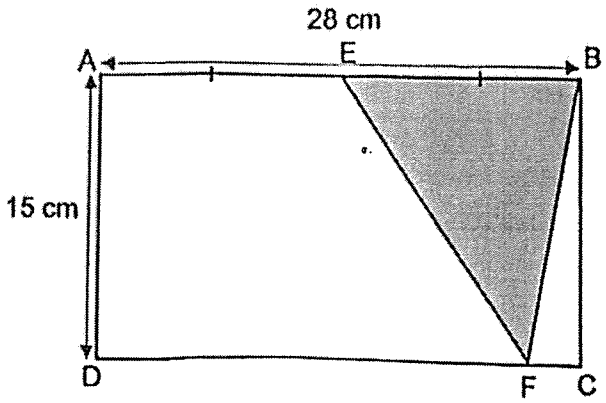
Ans: _____ cm^2

15 Gwen spent $\frac{5}{8}$ of her money and had $48 left. How much money did she have at first?

Ans: $ _____

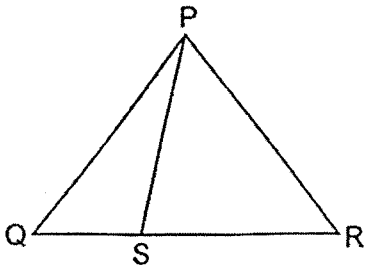
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16 The diagram below shows rectangle ABCD with a shaded triangle EBF in it. Given that AE = EB, find the total area of the unshaded parts of rectangle ABCD.



Ans: _____ cm^2

17 The ratio of the area of triangle PQS to the area of triangle PSR is 2 : 5. The area of triangle PQR is 84 cm^2. What is the area of triangle PSR?



Ans: _____ cm^2

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18 In a shop, oranges are sold at the price shown below.



5 oranges for $7

Susan bought 30 oranges with all her money. To buy 20 papayas with the same amount of money, she will be short of $18. Given that the cost of each papaya is the same, how much does each papaya cost?

Ans: $ _____

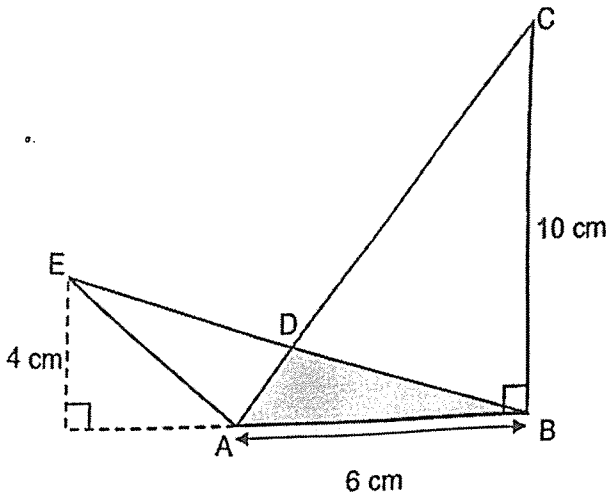
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19 Chef Lim had some eggs at first. He used $\frac{1}{10}$ of the total number of eggs and an additional 38 eggs on Monday. He continued using $\frac{4}{7}$ of the remaining eggs on Tuesday. He used up the remaining 30 eggs on Wednesday. How many eggs did Chef Lim have at first?

Ans: _____

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20 Figure ABCDE has an area of 34 cm². ADC and BDE are straight lines. Find the area of the shaded triangle ABD.



Ans: _____ cm²

End of Paper

Setter: Mrs Cheryl Liu

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SCHOOL : HENRY PARK PRIMARY SCHOOL

LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : WA1 (2023)

Q 1	Q2	Q3	Q4	Q5	Q 6	Q7	Q8	Q9
4	3	2	1	4	1	2	2	3

10)	64
11)	2/15
12)	63
13)	204796
14)	½ X 18 X 11 = 99 cm2
15)	3/8 = 48 1/8 = 48 ÷ 3 = 16 16 x 5 = 80 80 + 48 = $128
16)	28 ÷ 2 = 14 ½ x 14 x 15 = 105 28 x 15 = 420 420 – 105 = 315 cm2
17)	84 ÷ 7 = 12 12 x 5 = 60 cm2

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18)	6 x 7 = 42 42 + 18 = 60 60 ÷ 20 = $3
19)	30 ÷ 3 = 10 10 x 7 = 70 70 + 38 = 108 108 ÷ 9 = 12 12 x 10 = 120
20)	34 – ½ x 10 x 6 = 4 ½ x 6 x 4 = 8 cm2

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