HENRY PARK PRIMARY SCHOOL
2024 WEIGHTED ASSESSMENT 2
MATHEMATICS
PRIMARY 5

Name: _____( )

Parent's Signature

_____

Class: Primary 5_____

Duration of Paper: 40 min

Marks:

Section 1 Short Answer Questions	/8
Section 2 Long Answer Questions	/17
Total	/25

The use of calculator **is allowed.**

Section 1

Questions 1 to 4 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. (8 marks)

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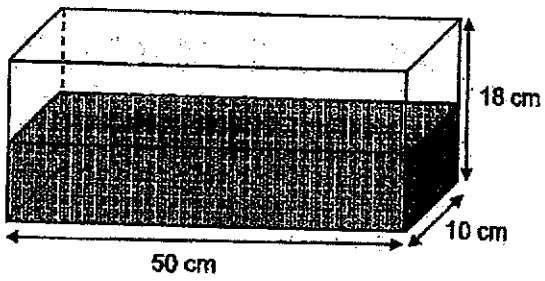
1 Mary used 800 g of flour to make some muffins. Jane used 500 g more than Mary. Eileen used twice as much flour as Jane. How much flour did Eileen use?

Ans: _____kg

2 14 years ago, the ratio of Jack's age to Tom's age to Michael's age was 7 : 2 : 5. Michael is 54 years old now. What is Jack's age now?

Ans: _____years old

3 The tank shown will be filled to its brim after 5 ℓ of water is added into it. What is the volume of water in the tank now?



Ans: _____ cm^3

4 After John spent $\frac{1}{3}$ of his savings on a laptop and a tablet, he had \$5460 left. Given that the laptop cost 4 times as much as the tablet, find the cost of the laptop.

Ans: \$_____

Section 2

For questions **5** to **9**, 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 or part-question. (17 marks)

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5 A pet shop has a total of 570 angelfish, goldfish and guppies.

$\frac{1}{5}$ of the fish are angelfish, $\frac{1}{6}$ of the fish are guppies and the rest are goldfish.

(a) What fraction of the fish are goldfish?

Ans: (a)_____ [1]

(b) How many more goldfish than angelfish are there?

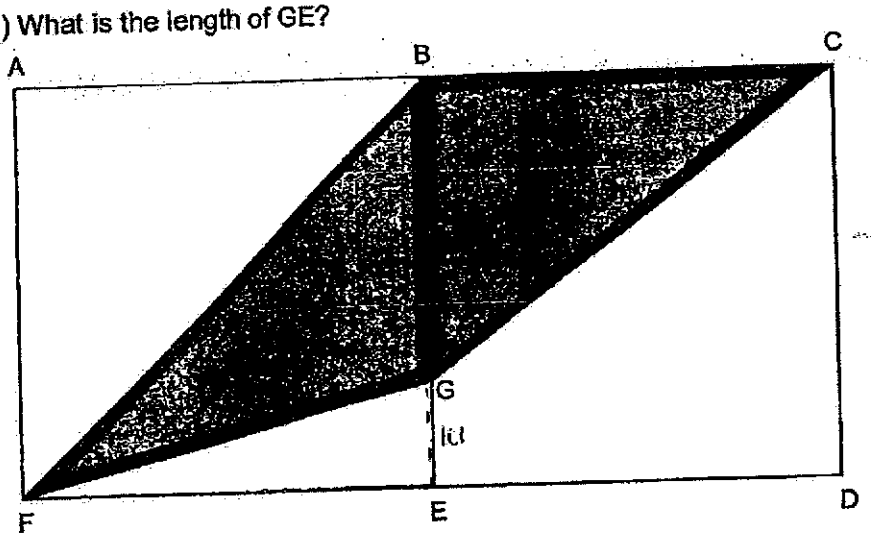
Ans: (b)_____ [2]

6 On Friday, Nora walked 1.09 km. Each day, she walked 665 m more than the day before. What is the total distance she would have walked in 1 week? Express your answer as a decimal in kilometres.

Ans: _____ [3]

7 The figure consists of 2 shaded triangles, BGF and BGC and 2 identical squares, ABEF and BCDE. The perimeter of the rectangle ACDF is 120 cm. The length of BG is three times the length of GE.

(a) What is the length of GE?



Ans: (a)_____ [2]

(b) What is the total area of the shaded triangles?

(b)_____ [2]

6 The table shows the cost of red and blue coloured shirts.

Colour of the Shirt	Red	Blue
Cost per shirt	$10	$8

Mr Lim bought red and blue shirts in the ratio 7 : 4. He paid $306 for all the shirts. How many red shirts did he buy?

Ans: _____ [3]

9 Alan has some packets of sugar and some packets of flour. He has 18 more packets of sugar than packets of flour. Each packet of sugar weighs 2.7 kg. Each packet of flour weighs 1.8 kg more than each packet of sugar. The total mass of all the packets of sugar and packets of flour is 343.8 kg. How many such packets of sugar does Alan have?

Ans: _____ [4]

End of Paper

SCHOOL : HENRY PARK SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : 2024 WA2

Q1)	800 + 500 = 1300 1300 x 2 = 2600 2600 = 2.6kg
Q2)	54 – 14 = 40 5u = 40 1u= 8 8 x 7 = 56 56 + 14 = 70 years old
Q3)	50 x 10 x 18 = 9000 5L = 5000ml 9000 – 5000 = 4000 cm3
Q4)	2u = 5460 1u = 2730 2730 ÷ 5 = 546 546 x 4 = $2184
Q5)	a) $\frac{1}{5}+\frac{1}{6}=\frac{11}{30}$ $1-\frac{11}{30}=\frac{19}{30}$ b)570 ÷ 30 = 19 angelfish = $\frac{1}{5}$ goldfish $\frac{19}{30}$ 19 – 6 = 13 13 x 19 = 247
Q6)	1.09 x 7 = 7.63 665 x 21 = 13965 13965m = 13.965km 13.965 + 7.63 = 21.595km

Q7)	a)120 ÷ 6 = 20 20 ÷ 4 = 5cm b)BGC = 5 x 3 = 15 ½ x 15 x 20 = 150 FBG = ½ x 15 x 20 = 150 150 + 150 = 300cm2
Q8)	10 x 7 = 70 4 x 8 = 32 70 + 32 = 102 306 ÷ 102= 3 3 x 7 = 21
Q9)	1 packet of flour = 1.8 + 2.7 = 4.5 18 x 2.7 = 48.6 343.8 – 48.6 = 295.2 4.5 + 2.7 = 7.2 295.2 ÷ 7.2 = 41 41 + 18 = 59