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.**

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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

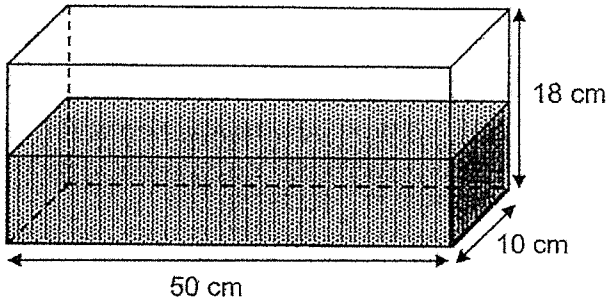
2 14 years ago, the ratio of Jack's age to Tom's age to Michael's age was 7 : 2 : 5. Michael is 54 years old now. What is Jack's age now?

Ans: _____ years old

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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: $_____

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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]

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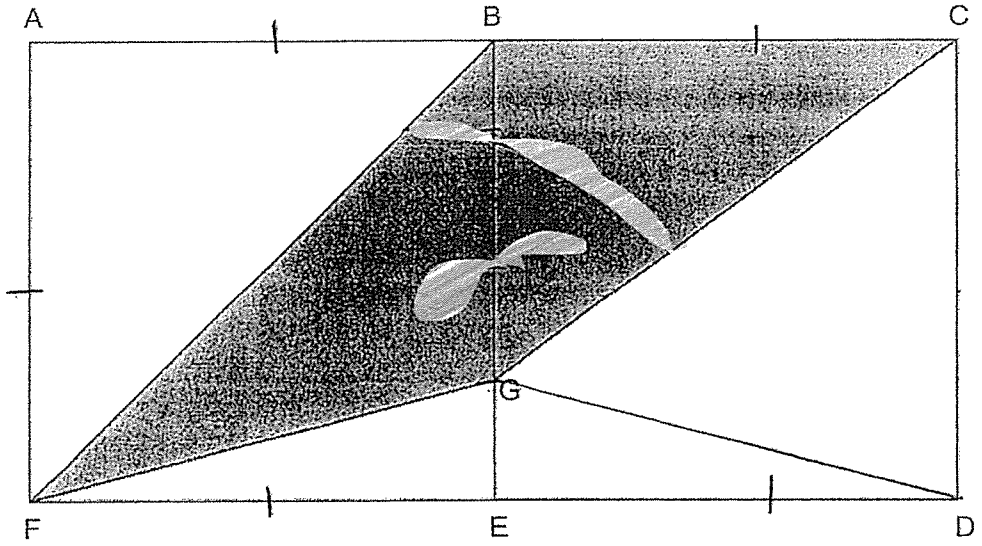
6 On Friday, Nora walked 1.09 km. Each day, she walked 665 m more than the day before. What is the total distance she would have walked in 1 week? Express your answer as a decimal in kilometres.

Ans: _____ [3]

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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]

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8 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]

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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

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SCHOOL: HENRY PARK PRIMARY SCHOOL

SUBJECT: MATHEMATICS

LEVEL: PRIMARY 5

PAPER: WEIGHTED ASSESSMENT 2

SECTION 1

Q1. $800 + 500 = 1300$

$1300 \times 2 = 2600$

$2600\text{g} = 2.6\text{kg}$

Ans: 2.6kg

Q2. $54 - 14 = 40$

$40 \div 5 = 8$

$8 \times 7 = 56$

$56 + 14 = 70$

Ans: 70 years old

Q3. $5l = 5000\text{m}l = 5000\text{cm}^2$

$5000 \div 50 \div 10 = 10$

$18 - 10 = 8$

$8 \times 50 \times 10 = 4000$

Ans: 4000cm^2

Q4. $5460 \div 2 = 2730$

$4 + 1 = 5$

$2730 \div 5 = 546$

$546 \times 4 = 2184$

Ans: $2184

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SECTION 2

Q5. (a) $1 - \frac{1}{5} - \frac{1}{6} = \frac{19}{30}$

Ans: $\frac{19}{30}$

(b) $\frac{19}{30} - \frac{1}{5} = \frac{13}{30}$

$570 \div 30 = 19$

$19 \times 13 = 247$

Ans: 247

Q6. $665\text{m} = 0.665\text{km}$

$1.09 \times 7 = 7.63$

$6 + 5 + 4 + 3 + 2 + 1 = 21$

$21 \times 0.665 = 13.965$

$13.965 + 7.63 = 21.595$

Ans: 21.595km

Q7. (a) $120 \div 6 = 20$

$20 \div 4 = 5$

Ans: 5cm

(b) Area of $\Delta BFG \rightarrow \frac{1}{2} \times 15 \times 20 = 150$

Area of $\Delta BGC \rightarrow \frac{1}{2} \times 15 \times 20 = 150$

$150 + 150 = 300$

Ans: 300cm^2

Q8. $7 \times 10 = 70$

$4 \times 8 = 32$

$70 + 32 = 102$

$306 \div 102 = 3$

$3 \times 7 = 21$

Ans: 21 red shirts

Q9. $2.7 + 1.8 = 4.5$

$2.7 \times 18 = 48.6$

$343.8 - 48.6 = 295.2$

$4.5 + 2.7 = 7.2$

$295.2 \div 7.2 = 41$

$41 + 18 = 59$

Ans: 59 packets of sugar

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