RAFFLES GIRLS' PRIMARY SCHOOL
WEIGHTED ASSESSMENT 2
MATHEMATICS
PRIMARY 5

Name: _____( )

Form Class: P5 _____ Math Teacher: _____

Date: 29 July 2021 Duration: 50 min

Your Score (Out of 30 marks)	
Parent's Signature	

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer **ALL** questions and show all working clearly.
4. The use of calculator is allowed for this paper.

Questions 1 to 3 carry 1 mark each and Questions 4 to 11 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.
All diagrams are not drawn to scale. [19 marks]

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1. Convert 30 ℓ 5 mℓ to ℓ.

Ans : _____ ℓ [1]

2. Round 40.854 to 1 decimal place.

Ans : _____ [1]

3. Write 6 tens, 4 tenths and 7 thousandths as a numeral.

Ans : _____ [1]

4. A total of 245 people visited an exhibition held in January. 98 of them were adults. What percentage of the people who visited the exhibition were adults?

Ans : _____% [2]

5. Arrange the following decimals from the largest to the smallest.

3.809, 3.09, 3.87

Ans : _____, _____, _____ [2]
largest

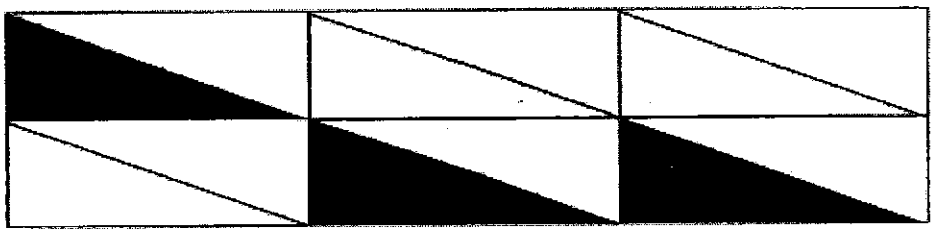
6. Siti paid $20 for 400 g of durian. How much did Siti have to pay for 900 g of durian?

Ans : $_____ [2]

7. Jane had an equal volume of blue and red paint. After using 3.5 ℓ of the blue paint and 13.3 ℓ of the red paint, the amount of blue paint left was 5 times the amount of red paint left. What was the amount of red paint left?

Ans : _____ ℓ [2]

8. The figure is made up of identical triangles. How many **more** triangles must be shaded such that 75% of the figure is shaded?



Ans : _____ [2]

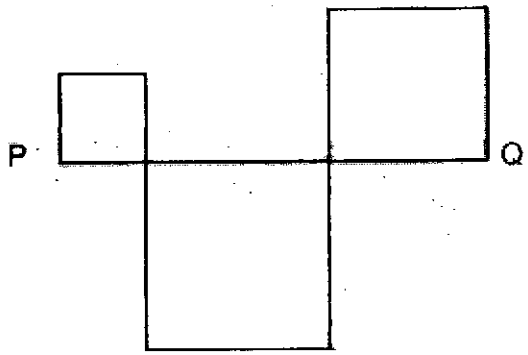
9. There were 350 participants at a coding workshop. 30% of them were girls and the remaining were boys. How many boys were at the workshop?

Ans: _____ [2]

10. Mr Smith had $95 000 in his bank account. The bank paid 3% interest at the end of each year. He did not withdraw any money from his account. How much money did he have in his bank account at the end of one year?

Ans: $_____ [2]

11. Xavier bought 1.75 m of wire. He cut part of the wire to bend into 3 squares of different sizes as shown in the figure. PQ is a straight line of length 18 cm.



What was the length of the remaining wire?

Ans: _____ m [2]

For questions 12 to 14, 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 the brackets [ ] at the end of each question or part-question. All diagrams are not drawn to scale. [11 marks]

12. Mrs Richard and Mrs Raj saw an advertisement for a hula dancing class.

Feel like a star dancer!

- $120 per session
- Get 20% discount when you sign up for 2 sessions.

(a) Mrs Richard decided to sign up for 2 sessions of hula dancing. How much would she need to pay after the discount?

(b) Mrs Raj decided to sign up for 1 session of hula dancing. How much would she need to pay after including a GST of 7%?

Ans: (a)_____ [2]

(b)_____ [1]

13. 40% of the people at a party were men and the rest were women.
36 men wore hats and 25% of the men did not wear hats. There were a total of 30 people at the party who did not wear hats.

(a) How many men did not wear hats at the party?

(b) What percentage of the people were women not wearing hats?

Ans: (a)_____ [2]

(b)_____ [2]

14. A bakery shop baked 10.05 kg of cookies. Some of the cookies were packed into small packets of 250 g each and the rest were packed into big packets of 600 g each. In the end, the number of big packets was 4 more than the number of small packets. How many big packets of cookies were packed?

Ans: _____ [4]

END OF PAPER

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : 2021 WEIGHTED ASSESSMENT 2

Q1)	30.005ℓ
Q2)	40.9
Q3)	60.407
Q4)	$98 \div 245 = \frac{2}{5} = \frac{40}{100}$ Ans: 40%
Q5)	3.87, 3.809, 3.09
Q6)	400g → $20 900 ÷ 400 = 2.25 2.25 x 20 = 45 Ans: $45
Q7)	B : R 10u : 10u -3.5 -13.3 5P 1P 10u - 3.5 = 5P 10u – 13.3 = 1P 50u – 66.5 = 5P 50u = 10u + 63 40u = 63 1u = 63 ÷ 40 = 1.575 1P= 2.45 Ans: 2.45ℓ
Q8)	75% = ¾ ¼ → 3 2/4 → 3 x 2 = 6 Ans: 6 triangles
Q9)	$30\% = \frac{3}{10}$ G : B 3u : 7u = 10u = 350 10u = 350 1u = 350 ÷ 10 = 35 7u = 35 x 7 = 245 Ans: 245 boys

Q10)	100% → 95000 1% → 95000 ÷ 100 → 950 3% → 950 x 3 → 2850 Total = 95000 + 2850 = 97850 Ans: $97850
Q11)	1.75m = 175cm 18 x 4 = 72 175 – 72 = 103 103cm = 1.03m Ans: 1.03m
Q12)	a) 2 sessions = 120 x 2 = 240 100% → 240 1% → 240 ÷ 100 → 2.4 80% → 2.4 x 80 → 192 Ans: $192 b) 100% → 120 1% → 120 ÷ 100 → 1.2 107% → 1.2 x 107 → 128.4 Ans: $128.40
Q13)	40% = $\frac{2}{5}$ 25% = $\frac{1}{4}$ M 2U (4u) → Wear 2u / Don't wear 1u Women 3U (6u) → Wear / Don't Wear Women (no hat) = 30 – 12 = 18 10u = 12 x 10 = 120 $\frac{18}{120} = \frac{3}{20} = \frac{15}{100}$ Ans: a) 12 b) 15%
Q14)	Small: 1u x 250g = 250u Big: (1u + 4) x 600 = 600u + 2400 = 10050g 10.05kg = 10050g 850u = 10050g – 2400g = 7650g 1u = 7650 ÷ 850 = 9 Big = 9 + 4 = 13 Ans: 13 big packets of cookies