MARIS STELLA HIGH SCHOOL (PRIMARY)
PRIMARY 5 MATHEMATICS
TERM 3 WEIGHTED ASSESSMENT
20 AUGUST 2021

15 questions

30 marks

Total Time: 45 min

NAME:_____ (   )

CLASS: PRIMARY 5 _____

YOU ARE <u>NOT</u> ALLOWED TO USE A CALCULATOR.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

MARKS OBTAINED		
TOTAL	/ 30	Date: _____

SECTION A: 8 marks

Questions 1 to 2 carry 1 mark each. Questions 3 to 5 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 the correct answer in the brackets provided.

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1. 2 thousands + 34 hundreds + 16 = _____

    (1) 2050
    (2) 2356
    (3) 5416
    (4) 23 416   (   )

2. The product of $\dfrac{3}{5}$ and $\dfrac{1}{2}$ is _____.

    (1) $\dfrac{2}{3}$

    (2) $\dfrac{1}{10}$

    (3) $\dfrac{3}{10}$

    (4) $1\dfrac{1}{10}$ (   )

3. _____ x 20 = 208.4

    (1) 10.42
    (2) 20.84
    (3) 1042
    (4) 4168   (   )

1

4. $\frac{1}{2}$ of Siti's money is equal to $\frac{3}{4}$ of Lucy's money. Siti had $120 more than Lucy. How much money did Lucy have?

(1) $240
(2) $360
(3) $480
(4) $600

( )

5. Joseph bought a toy car during a sale as shown below. How much was the discount?

Usual Price: $80
SALE
60% discount

(1) $12
(2) $20
(3) $32
(4) $48

( )

2

SECTION B: 12 marks

Questions **6** to **7** carry **1** mark each. Questions **8** to **12** carry **2** marks each. Show your working clearly in the space provided for each question and write your answers in the blanks provided. For questions which require units, give your answers in the units stated.

6. Express $4\dfrac{5}{9}$ kg as a decimal. Give your answer correct to 2 decimal places.

    Answer: _____ kg [1]

7. Find the value of $20 \div 4 + (14 - 2) \times 3$.

    Answer: _____ [1]

SCORE
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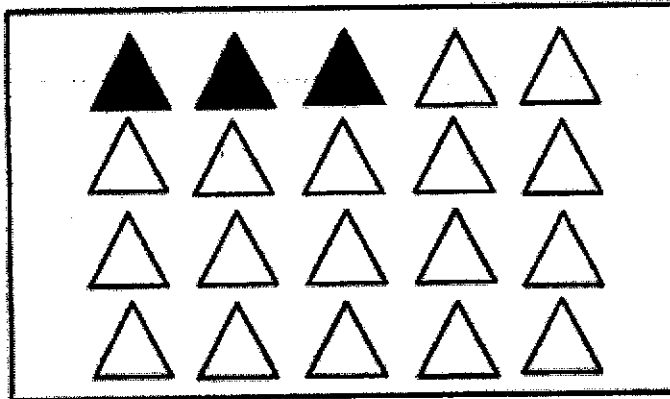
8. Jason mixed some syrup with water to make some fruit punch. The ratio of the amount of syrup to the amount of water used was 2 : 3. He used 220 mℓ of syrup for the fruit punch. How much water was used?

Answer: _____ mℓ [2]

9. There are 20 similar triangles pasted on a piece of paper as shown below. How many more triangles have to be shaded so that 35% of these triangles are shaded?

Answer: _____ [2]

4

SCORE [ ]

(Go on to the next page)

10. Devi bought a piece of cloth that was 20.4 m long. She used the cloth to make 2 ribbons. She needs 70 cm of the cloth to make each ribbon. What was the length of the cloth left? Leave your answer in metres.
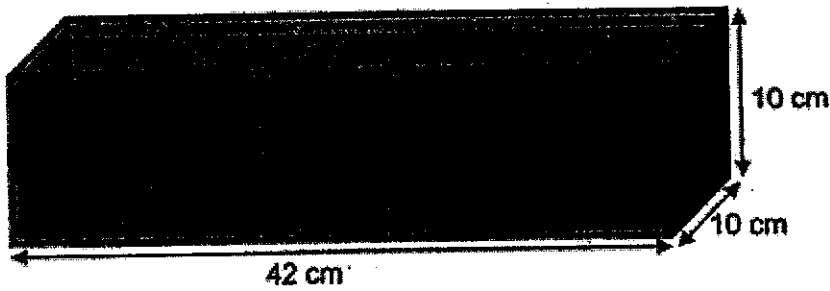
Answer: _____ m [2]

11. The ratio of the number of women to the number of men in a hall was 5 : 4. There were 68 more women than men. Then, 280 women left the hall. How many women were there in the hall in the end?
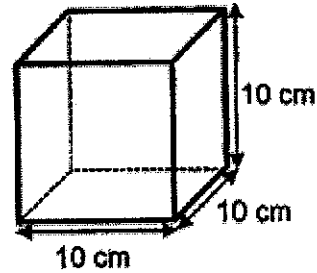
Answer: _____ [2]

5

12. Tank A measures 42 cm by 10 cm by 10 cm. It is completely filled with water. Ellie had 9 cubical containers of edge 10 cm. She poured the water from Tank A to fill each cubical container to its brim, one at a time. What is the greatest number of cubical containers she could fill completely?

10 cm

10 cm

10 cm

10 cm

10 cm

42 cm

Tank A

Cubical container

Answer: _____ [2]

SCORE

(Go on to the next page)

SECTION C: 10 marks

For questions **13** to **15**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [   ] at the end of each question or part-question.

13. 4 identical pens and 5 identical bookmarks cost $15.

3 identical pens and 2 identical bookmarks cost $9.50.

Find the cost of a bookmark.

Answer: _____ [3]
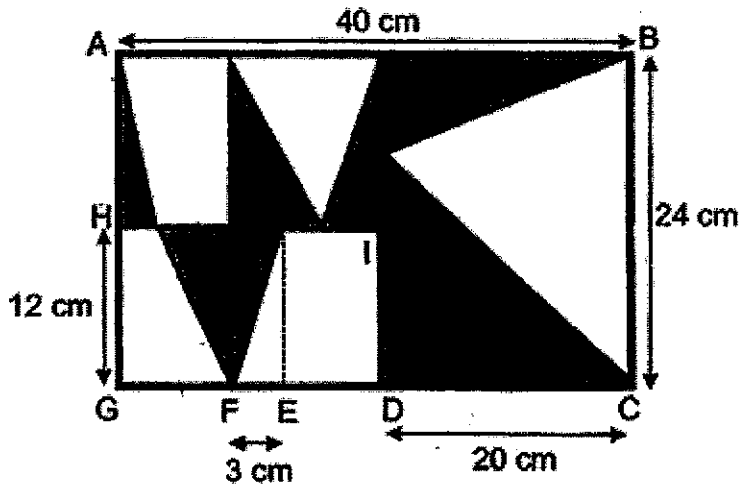
SCORE

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14. $\frac{2}{5}$ of the vehicles parked at the carpark were cars. $\frac{5}{9}$ of the remaining vehicles were vans. The rest were buses. There were 90 more cars than buses. How many vehicles were there in the carpark?

Answer: _____ [4]

8

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15. The figure below shows Rectangle ABCG with some triangles in it. Line HI is a straight line. Line AB = 40 cm, BC = 24 cm, CD = 20 cm, FE = 3 cm and GH = 12 cm. Find the total area of the shaded parts.

Answer: _____ [3]

End of Paper
Please check your work carefully

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SCORE

SCHOOL : MARIS STELLA HIGH SCHOOL (PRIMARY)
LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : 2021 TERM 3 WEIGHTED ASSESSMENT

Q 1	Q2	Q3	Q4	Q5
3	3	1	1	4

Q6)	$5 \div 9 \approx 0.56$ $4 + 0.56 = 4.56$ Ans: 4.56
Q7)	$14 - 2 = 12$ $20 \div 4 = 5$ $5 + 12 \times 3 = 41$ Ans: 41
Q8)	$220 \div 2 = 110$ $110 \times 3 = 330$ Ans: 330mℓ
Q9)	$20 \times \frac{35}{100} = 7$ $7 - 3 = 4$ Ans: 4 triangles
Q10)	$20.4 - 1.4 = 19$ Ans: 19m
Q11)	$68 = 1u$ $68 \times 5 = 340$ $340 - 280 = 60$ Ans: 60 women
Q12)	$42 \times 10 \times 10 = 4200$ $10 \times 10 = 100$ $4200 \div 100 = 4\ R\ 200$ Ans: 4 cubical containers
Q13)	$4P + 5B = 15 \rightarrow X$

	3P + 2B = 9.50 → Y X x 3 = 12P + 15B = 15 x 3 = 45 Y x 4 = 12P + 8B = 9.50 x 4 = 38 15B – 8B = 7B 45 – 38 = 7 7 ÷ 7 = 1 Ans: $1

Q14)	Cars : Total : Remaining vehicles
	  2 : 5 : 3
	
	Vans : Buses : Total remaining vehicles
	  5 : 4 : 9
	
	Cars : Vans : Buses : Total
	  6 : 5 : 4 : 15
	
	6u – 4u = 2
	90 → 2u
	1u = 90 ÷ 2 = 45
	45 x 15 = 975
	Ans: 675 vehicles

Q15)	$\frac{1}{2}$ x 20 x 12 = 120 $\frac{1}{2}$ x 20 x 24 = 240 $\frac{1}{2}$ x 3 x 12 = 18 240 + 120 = 360 360 + 18 = 378 Ans: 378 cm^2