Methodist Girls' School (Primary)
Primary 5 Mathematics
Weighted Assessment 2 2025

The use of an APPROVED CALCULATOR is ALLOWED.

Name: _____ ( ) Date: _____

Class: Primary 5._____ Parent's Signature: _____

30

Questions 1 to 4 carry 1 mark each. Questions 5 to 10 carry 2 marks each. Show your workings clearly in the space below each question and write your answers in the answer spaces provided. For questions which require units, give your answers in the units stated. (16 marks)

Do not write in this space

1 Express $\frac{16}{7}$ as a decimal. Round your answer to 2 decimal places.

Ans: _____

2 A metal pole is 31.68 m long. It is cut into 6 equal pieces. What is the length of each piece?

Ans: _____ m

3 $4 \times 1\frac{2}{5} = \square \times \frac{7}{10}$. What is the missing number in the box?

Ans: _____

(Go on to the next page)

4 Arrange these lengths from longest to the shortest.

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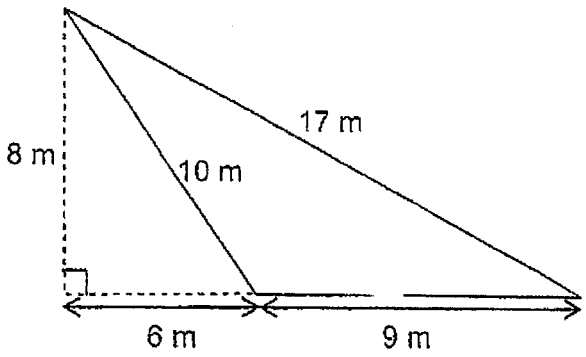
4.7 km	4 km 500 m	$4\frac{4}{5}$ km

Ans: _____ , _____ , _____
longest

5 Find the area of the triangle below.



Ans: _____ m^2

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6 In the number line below, what is the value at X?

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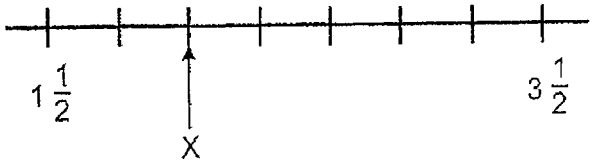


Ans: _____

7 Derrick had 3 kg of flour. He used $\frac{5}{8}$ of the flour to make some pasta and $\frac{3}{4}$ kg to bake a cake. How much flour did he have left?

Ans: _____ kg

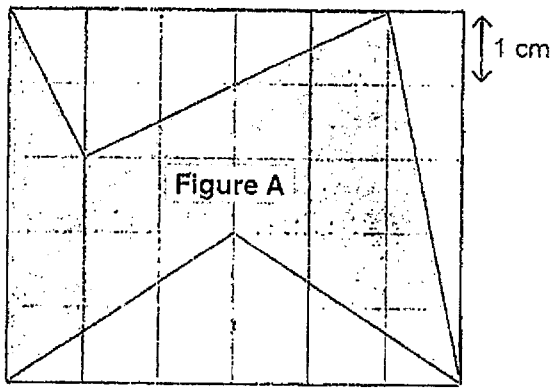
(Go on to the next page)

8 A box fully filled with 48 identical pencils weighs 0.75 kg. The mass of each pencil is 6 g. What is the mass of the empty box in grams?

Do not write in this space

Ans: _____ g

9 Figure A is shaded on a piece of grid paper with 1-cm squares. Find the area of shaded figure in the square grid.



Ans: _____ cm^2

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10 In the diagram below, AE = EB.

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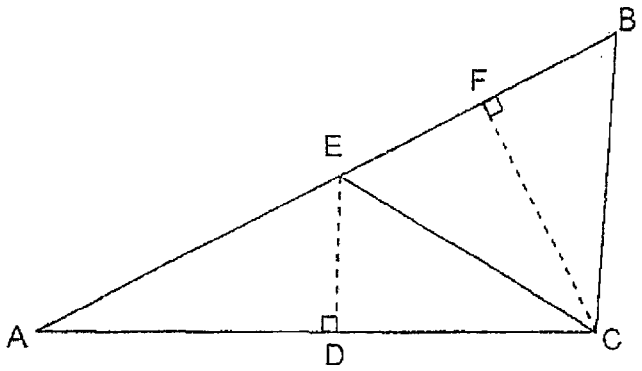

Statement	True	False	Not Possible to Tell
a) Area of ABC $= \frac{1}{2} \times AB \times BC$.			
b) When the height of triangle AEC is DE, its base is AC.			
c) The area of triangle ABC is twice that of triangle BCE.			

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For questions **11 to 14**, 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. (14 marks)

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11 Jolene made some badges to sell at a handicraft fair. On the first day, she sold $\frac{1}{3}$ of her badges. On the second day, she sold $\frac{3}{7}$ of the remaining badges. On the last day, she sold the remaining 64 badges.

(a) How many badges did Jolene make?

Ans: (a) _____ [2]

(b) Each badge was sold at $2.55. How much did Jolene collect from the sale of all the badges?

Ans: (b) _____ [1]

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12 $\frac{2}{3}$ of the children at a funfair were boys. After $\frac{1}{4}$ of the boys and $\frac{3}{5}$ of the girls went home, 76 children remained at the funfair.

(a) What fraction of the children went home?

Ans: (a) _____ [2]

(b) How many children were there in the beginning?

Ans: (b) _____ [2]

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13 The figure below is made up of three identical rectangles, and two squares. A shaded triangle lies within the figure. The length of each rectangle is 4 times its breadth. The length of one side of the small square is $\frac{1}{3}$ the length of one side of the big square. Find the area of the **unshaded** part of the figure.

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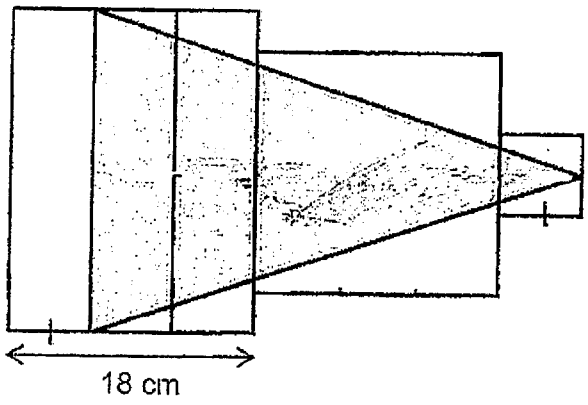

Ans: _____ [3]

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14 A stationery store had a total of 250 highlighters, pens and ring files. $\frac{1}{3}$ of the pens and some of the ring files were sold. Then, 27 more highlighters were added. In the end, there were an equal number of highlighters, pens and ring files.

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	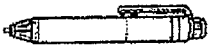	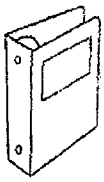
1 Highlighter $2	1 Pen $1.60	1 Ring File $3.20

(a) The store collected $48 from selling the pens.
How many pens were sold?

Ans: (a) _____ [1]

(b) How much money was collected from the sale of ring files?

Ans: (b) _____ [3]

END OF PAPER

YEAR : 2025
LEVEL : PRIMARY 5
SCHOOL : METHODIST GIRLS' SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : WEIGHTED ASSESSMENT 2

Q1	$\frac{16}{7} = 2.285$ ≈ 2.29	Q2	$31.68 \div 6 = 5.28m$
Q3	$\frac{4}{1} \times \frac{7}{5} = \frac{28}{5}$ $\frac{28}{5} \div \frac{7}{10} = 8$	Q4	$4\frac{4}{5}km$, 4.7km, 4km 500m
Q5	$\frac{1}{2} \times 9 \times 8 = 36m^2$	Q6	$3\frac{1}{2} - 1\frac{1}{2} = 2$ $2 \div 7 = \frac{2}{7}$ $\frac{4}{7} + 1\frac{1}{2} = \frac{29}{14}$ $= 2\frac{1}{14}$
Q7	$\frac{8}{8} = 3kg$ $\frac{1}{8} = \frac{3}{8}$ $\frac{3}{8} = 1\frac{1}{8}$ Ans: $\frac{3}{8}$	Q8	$48 \times 6 = 288$ $288g = 0.288kg$ $0.75kg - 0.288 = 0.462g$
Q9	$\frac{1}{2} \times 5 \times 2 = 5$ $\frac{1}{2} \times 5 \times 1 = 2.5$ $\frac{1}{2} \times 6 \times 2 = 6$ $6 \times 5 = 30$ $5 + 2.5 + 6 = 13.5$ $30 - 13.5 = 16.5cm^2$	Q10	a) False b) True c) True
Q11	(a) $4u = 64$ $1u = 64 \div 4 = 16$ $7u = 16 \times 7 = 112$ $1p = 112 \div 2 = 56$ $56 \times 3 = 168$ (b) $168 \times 2.55 = \$428.40$	Q12	(a) Boys who went home: $\frac{1}{4} \times \frac{2}{3} = \frac{2}{12} = \frac{1}{6}$ Girls who went home: $\frac{3}{5} \times \frac{1}{3} = \frac{3}{15} = \frac{1}{5}$ Total : $\frac{1}{6} + \frac{1}{5} = \frac{5}{30} + \frac{6}{30} = \frac{11}{30}$ (b) Remaining = $\frac{30}{30} - \frac{11}{30} = \frac{19}{30}$ $\frac{19}{30} = 76$ $\frac{1}{30} = 76 \div 19$ $= 4$ Total Children = $4 \times 30 = 120$
Q13	$18 \div 3 = 6$ $6 \times 4 = 24$ $24 \times 18 = 432$	Q14	(a) $48 \div \$1.60 = 30$ (b) $\frac{1}{3} = 30$

	$18 \times 18 = 324$ $6 \times 6 = 36$ $432 + 324 + 36 = 792$ $792 - 432 = 360$		$\frac{3}{3} = 90$ $60 - 27 = 33$ $250 - 90 - 33 = 127$ $127 - 60 = 67$ $67 \times 3.20 = \$214.40$

2

END