



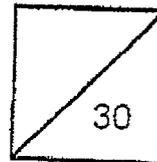
Methodist Girls' School (Primary)  
Primary 5 Mathematics  
Weighted Assessment 3 2025

The use of an  
APPROVED CALCULATOR  
is ALLOWED.

Name: \_\_\_\_\_ ( ) Date: \_\_\_\_\_

Class: Primary 5. \_\_\_\_\_

Parent's Signature: \_\_\_\_\_



Questions 1 to 5 carry 1 mark each. Questions 6 to 12 carry 2 marks each. Show your working clearly and write your answers in the answer spaces provided. For questions which require units, give your answers in the units stated. (19 marks)

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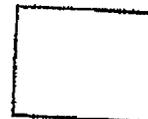
- 1 Jane types 32 words per minute. How many words can she type in 6 minutes?

Ans: \_\_\_\_\_



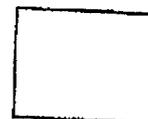
- 2 Express 100 m as a percentage of 5 km.

Ans: \_\_\_\_\_ %



- 3 Express 0.9% as a fraction.

Ans: \_\_\_\_\_

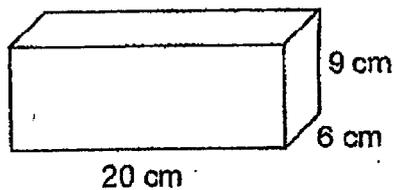


- 4 Express 50 040 cm<sup>3</sup> in litres and millilitres.

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Ans: \_\_\_\_\_ ℓ \_\_\_\_\_ ml

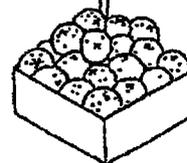
- 5 A wooden block measures 20 cm by 6 cm by 9 cm.  
What is the volume of the wooden block?



Ans: \_\_\_\_\_ cm<sup>3</sup>

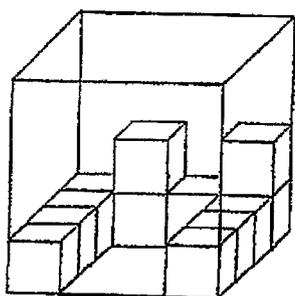
- 6 Mr Lim paid \$30 for some oranges. How many oranges did he buy?

3 oranges for \$2.50



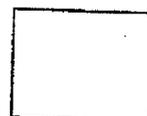
Ans: \_\_\_\_\_

- 7 The figure shows a cubical box partially filled with unit cubes. How many more unit cubes are needed to fill the box exactly?

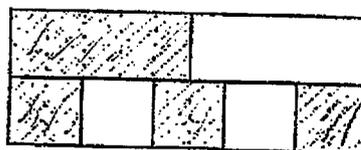


Ans: \_\_\_\_\_

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- 8 The figure is divided into two equal halves. The top half is divided into 2 equal parts while the bottom half is divided into 5 equal parts. What percentage of the figure is shaded?



Ans: \_\_\_\_\_ %



- 9 Mr Tan deposits \$6000 in his bank account. The bank offers an interest rate of 2% per year. How much interest will he receive at the end of one year?

Ans: \$ \_\_\_\_\_



10

The airmail rates to two countries are shown below. The rate for every additional 10 g or part thereof to Australia is not shown.

Mass of letter	Malaysia	Australia
First 20 g	\$0.85	\$1.55
Every additional 10 g or part thereof	\$0.25	?

Vincent sent a letter weighing 15 g to Malaysia and a letter weighing 35 g to Australia by airmail. He paid a total of \$3.10 for both letters. What was the rate charged for sending every additional 10 g or part thereof to Australia?

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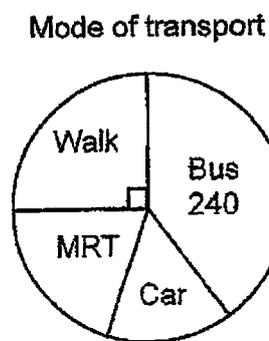
Ans: \$ \_\_\_\_\_



11

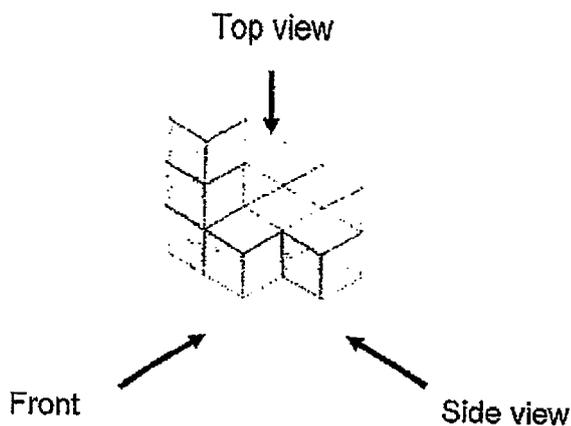
The pie chart shows the different modes of transport 600 pupils use to travel to school. Parts of the table have been covered by stickers. Use the information from the pie chart to complete the table.

Mode of transport	Number of pupils	Percentage of pupils
Bus	240	(a) _____%
Car	(b) _____	
MRT		20%



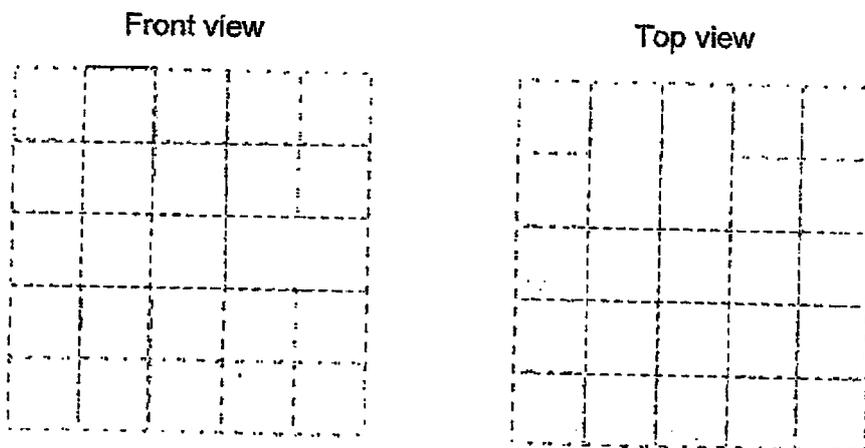
12

Mei Ling glued 9 unit cubes together to form the solid below.



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- (a) Draw the front view and top view of the solid in the square grid. [1]



- (b) What is the greatest number of unit cubes Mei Ling could add to the solid without changing the front view and top view?

Ans: (b) \_\_\_\_\_ [1]

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. (11 marks)

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- 13 10 friends bought tickets to the zoo together at a promotional price. They shared the total cost equally.

- (a) How much did they pay altogether?



\$34.50 per person

Buy 3 get 1 free

Ans: (a) \_\_\_\_\_ [2]

- (b) How much did each of them save?

Ans: (b) \_\_\_\_\_ [2]

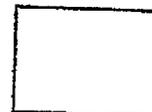
14

<b>SG 60 Sale</b>	
 <b>Shop A</b>	 <b>Shop B</b>
Usual price \$150 25% discount Free delivery	Usual price \$130 \$25 discount Delivery charge \$12 per trip

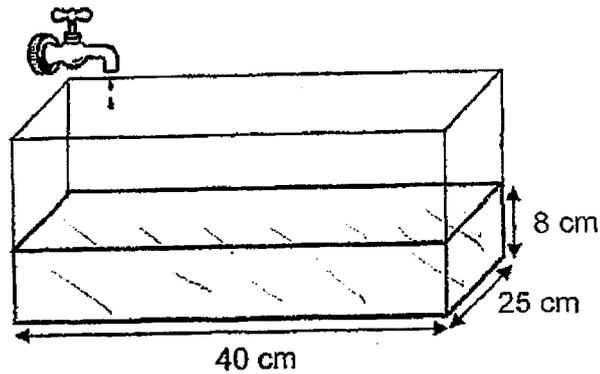
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Mrs Chan wants to buy a fan and have it delivered to her home. From which shop should she buy the fan so that she pays less? How much less? Show all your workings clearly.

Ans: Shop \_\_\_\_\_ ;  
 \_\_\_\_\_ less [3]



- 15 The figure shows a rectangular tank that was  $\frac{2}{5}$  filled with water at first.



- (a) Ahmad turned on the tap so that water flowed into the tank at a rate of 1.2 litres per minute for 2 minutes. What was the volume of water in the tank after the tap was turned off?

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Ans: (a) \_\_\_\_\_ [2]



- (b) Ahmad bought bottles containing 850 ml of water each and used them to fill up the rest of the tank. What was the least number of bottles Ahmad bought?

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Ans: (b) \_\_\_\_\_ [2]



End of Paper



YEAR : 2025  
 LEVEL : PRIMARY 5  
 SCHOOL : METHODIST GIRLS' SCHOOL (PRIMARY)  
 SUBJECT : MATHEMATICS  
 TERM : WEIGHTED ASSESSMENT 3

Q1	$1\text{min} = 32$ $6\text{min} = 32 \times 6 = 192$	Q2	$5\text{km} = 5000\text{m}$ $5000 \div 100 = 50$ $100 \div 50 = 2\%$
Q3	$0.9\% = \frac{9}{1000}$	Q4	50L 40ml
Q5	$20 \times 6 \times 9 = 1080\text{cm}^3$	Q6	$30 + 2.5 = 12$ $12 \times 3 = 36$
Q7	$4 \times 4 \times 4 = 64$ $64 - 12 = 52$	Q8	$\frac{5}{20} + \frac{6}{20} = \frac{11}{20}$ $= \frac{55}{100}$ 55%
Q9	$\frac{2}{100} \times 6000 = \$120$	Q10	$M = 0.85$ $A = 35 - 20 = 15$ $0.85 + 1.55 = 2.4$ $3.1 - 2.4 = 0.7$ $0.7 \div 2 = \$0.35$
Q11	(a) 40% (b) 90	Q12	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Front view</p> </div> <div style="text-align: center;"> <p>Top view</p> </div> </div> <p>(b) 4</p>
Q13	(a) $10 \div 4 = 2 \text{ R}2$ $1\text{set} = 34.50 \times 3 = 103.5$ $103.5 \times 2 = 207$ $207 + 34.50 = 214.5$ $214.5 + 34.50 = \$276$ (b) $276 \div 10 = 27.6$ $34.50 - 27.6 = \$6.90$	Q14	$100 - 25 = 75$ $\frac{75}{100} \times 150 = 112.5$ $130 - 25 = 105$ $105 + 12 = 117$ $117 - 112.5 = 4.5$ Ans: Shop A ; \$4.50 less
Q15	(a) $40 \times 25 \times 8 = 8000$ $8 + 1.2 + 1.2 = 10.4\text{L}$ (b) $8 \div 2 = 4$ $4 \times 5 = 20$ $40 \times 25 \times 20 = 20000$ $20 - 10.4 = 9.6$ $9600 + 850 = 11 \text{ R}250$ $11 + 1 = 12$		

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