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: _____

30

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)

Do not write in this space

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: _____

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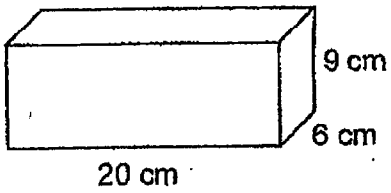
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4 Express 50 040 cm^3 in litres and millilitres.

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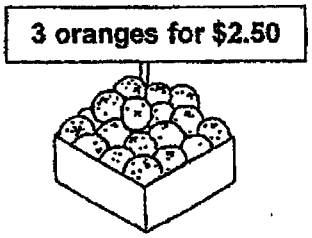
Ans: _____ ℓ _____ ml

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



Ans: _____ cm^3

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



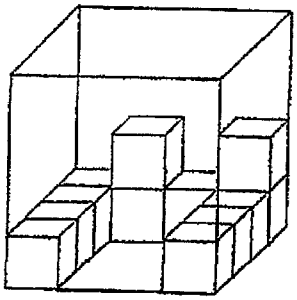
Ans: _____

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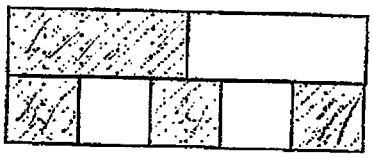
7 The figure shows a cubical box partially filled with unit cubes. How many more unit cubes are needed to fill the box exactly?

Do not write in this space



Ans: _____

8 The figure is divided 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: $ _____

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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.

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

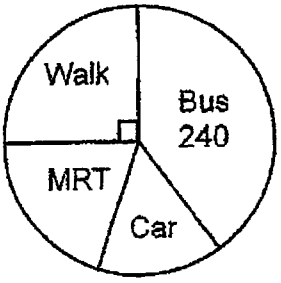
Vincent sent a letter weighing 15 g to Malaysia and a letter weighing 35 g to Australia by airmail. He paid a total of $3.10 for both letters. What was the rate charged for sending every additional 10 g or part thereof to Australia?

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%

Mode of transport

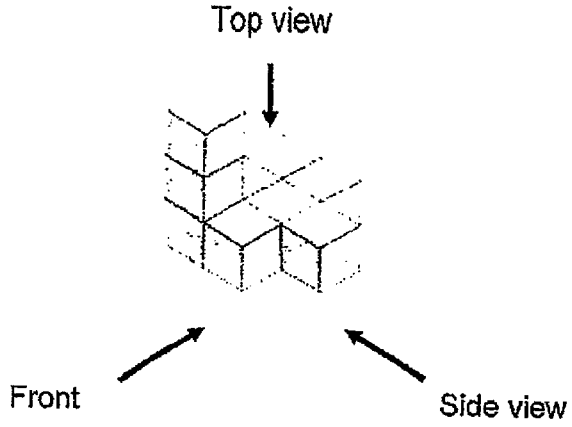


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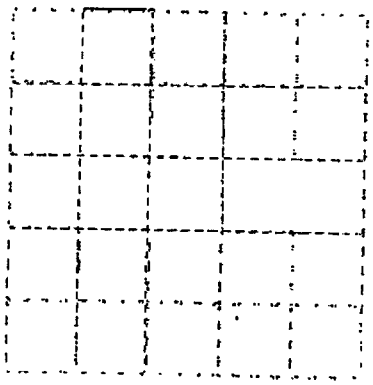
12 Mei Ling glued 9 unit cubes together to form the solid below.

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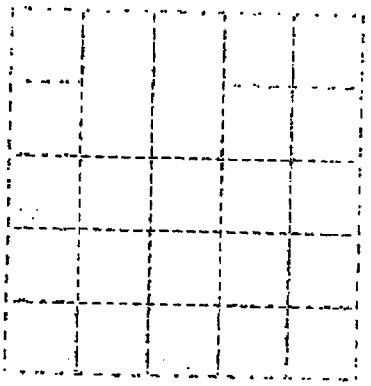


(a) Draw the front view and top view of the solid in the square grid. [1]

Front view



Top view



(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]

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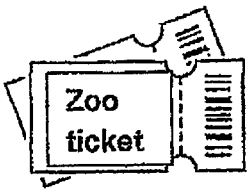
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For questions **13 to 15**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (11 marks)

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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]

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14



SG 60 Sale



Shop A

Usual price $150

25% discount

Free delivery

Shop B

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 _____ ;

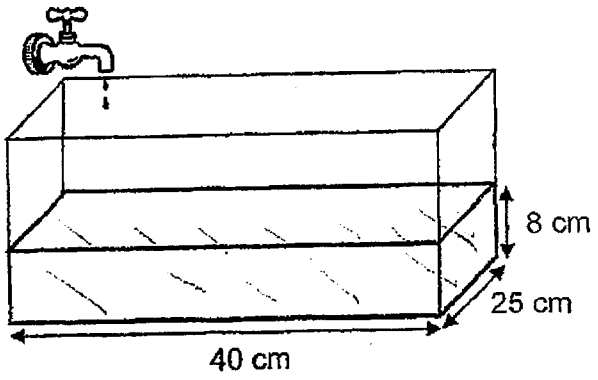
_____ less [3]

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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?

Ans: (a) _____ [2]

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(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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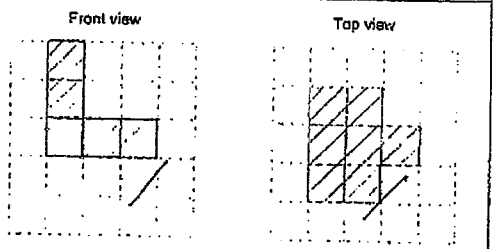
Ans: (b) _____ [2]

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

Q1	1min = 32 6min = 32 x 6 = 192	Q2	5km = 5000m 5000 ÷ 100 = 50 100 ÷ 50 = 2%
Q3	0.9% = $\frac{9}{1000}$	Q4	50L 40ml
Q5	20 x 6 x 9 = 1080cm^3	Q6	30 ÷ 2.5 = 12 12 x 3 = 36
Q7	4 x 4 x 4 = 64 64 – 12 = 52	Q8	$\frac{5}{20} + \frac{6}{20} = \frac{11}{20}$ $= \frac{55}{100}$ 55%
Q9	$\frac{2}{100}$ x 6000 = $120	Q10	M = 0.85 A = 35 – 20 = 15 0.85 + 1.55 = 2.4 3.1 – 2.4 = 0.7 0.7 ÷ 2 = $0.35
Q11	(a) 40% (b) 90	Q12	 (b) 4
Q13	(a) 10 ÷ 4 = 2 R2 1set = 34.50 x 3 = 103.5 103.5 x 2 = 207 207 + 34.50 = 214.5 214.5 + 34.50 = $276 (b) 276 ÷ 10 = 27.6 34.50 – 27.6 = $6.90	Q14	100 – 25 = 75 $\frac{75}{100}$ x 150 = 112.5 130 – 25 = 105 105 + 12 = 117 117 – 112.5 = 4.5 Ans: Shop A ; $4.50 less
Q15	(a) 40 x 25 x 8 = 8000 8 + 1.2 + 1.2 = 10.4L (b) 8 ÷ 2 = 4 4 x 5 = 20 40 x 25 x 20 = 20000 20 – 10.4 = 9.6 9600 ÷ 850 = 11 R250 11 + 1 = 12		

END

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