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Ai Tong School
P5 Mathematics
2024 Term 2 Review

Name: _____ ( ) Class : 5 _____

Date: _____ Marks: _____ /35

Duration: 60 min Parent's signature: _____

Follow all instructions. Answer all questions.
You are allowed to use a calculator.

Section A

Questions **1** to **5** 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. (10 marks)

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1 What is the missing number in the box?

9 : 8 = ☐ : 56

Ans: _____

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2 Jenny, Siti and Ali shared the cost of a present in the ratio 3 : 7 : 4.
Jenny and Ali paid a total of $210. What was the cost of the present?

Ans: $ _____

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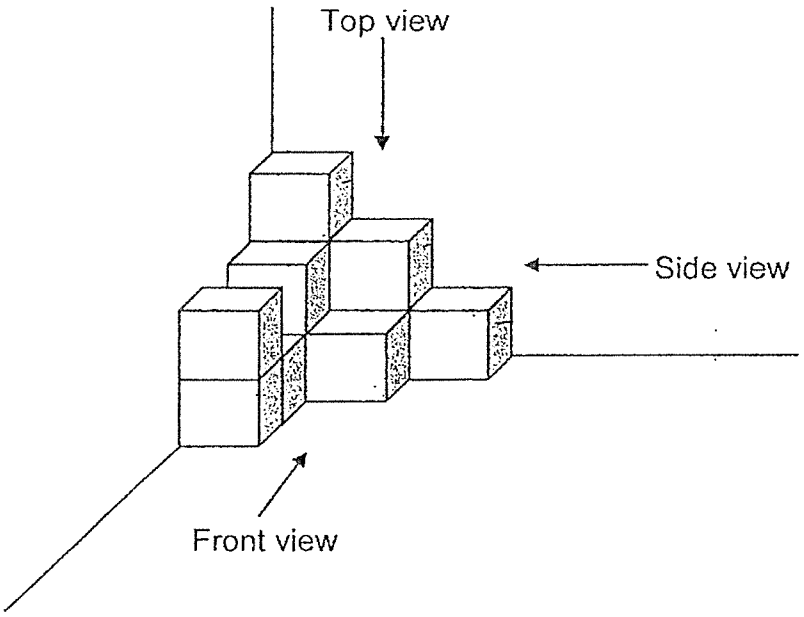
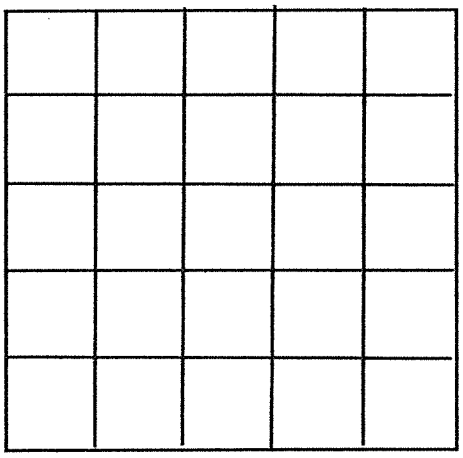
3 The solid is made of 1-cm cubes glued together at the corner of a room.

(a) How many 1-cm cubes are there in the solid?



Ans: (a) _____

(b) Draw the top view of the solid in the square grid below.



Top view

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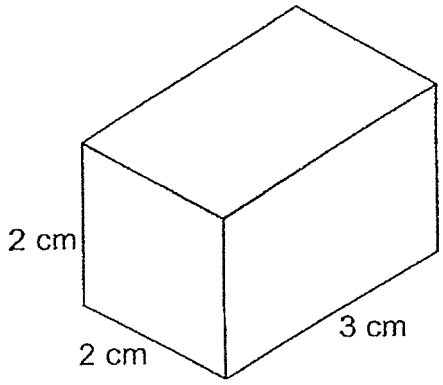
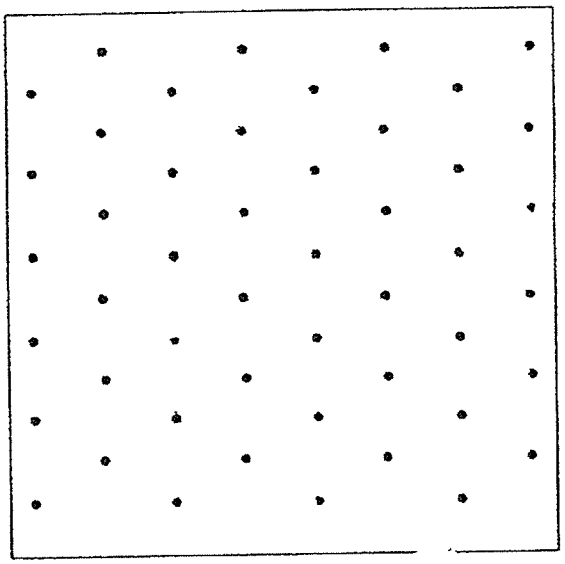
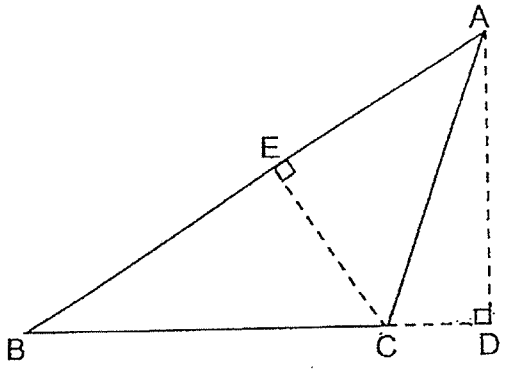
4 Draw the following cuboid on the isometric grid provided.





5 The figure below shows triangle ABC.



(a) Which height is related to the base BC?

Ans: (a) _____ [1]

(b) Which base is related to the height EC?

Ans: (b) _____ [1]

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Section B

For questions **6** to **12**, show your working clearly in the space provided for each question and write the answers in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question. (25 marks)

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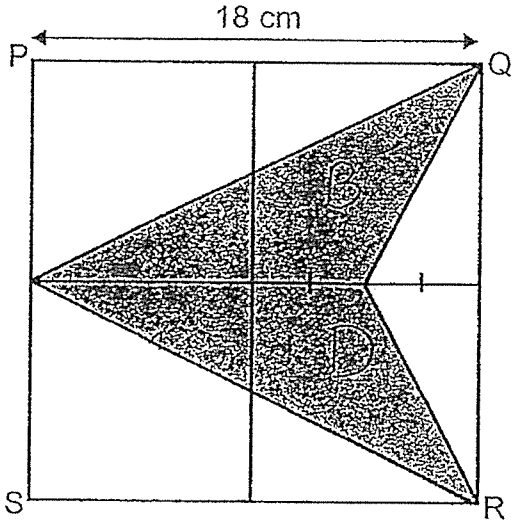
6 The figure below is made up of 4 identical squares. PQ = 18 cm.

Find the **unshaded** area.



Ans: _____ [3]

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7 Alicia had 96 stickers. She used $\frac{5}{8}$ of them and gave away $\frac{1}{6}$ of the remaining stickers to her sister. How many stickers did she have left?

Ans: _____ [3]

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8 The ratio of Henry's age to Jessie's age is 3 : 2 this year.
In 5 years' time, their total age will be 100 years. Find Henry's age this year.

Ans: _____ [3]

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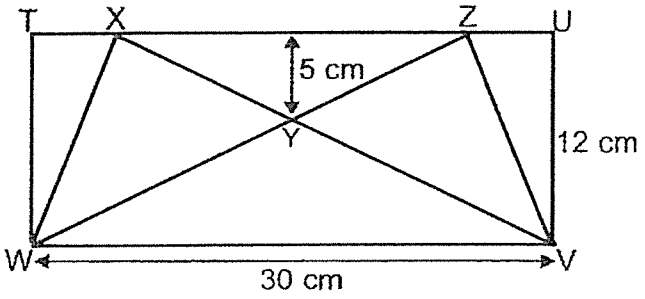
9 Two triangles WXV and WZV are overlapped in Rectangle TUVW below.



Find the area of the figure WXYZV.

Ans: _____ [3]

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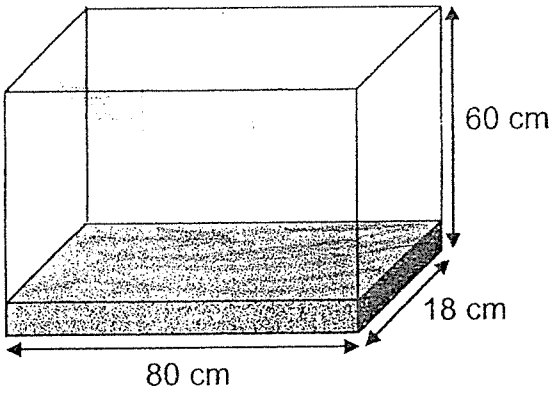
10 The rectangular tank shown below contains 7200 cm^3 of water.



(a) What fraction of the tank is filled with water?
Leave your answer in its simplest form.

Ans: (a) _____ [2]

(b) How much more water is needed to fill up the tank completely?
Leave your answer in litres.

Ans: (b) _____ [2]

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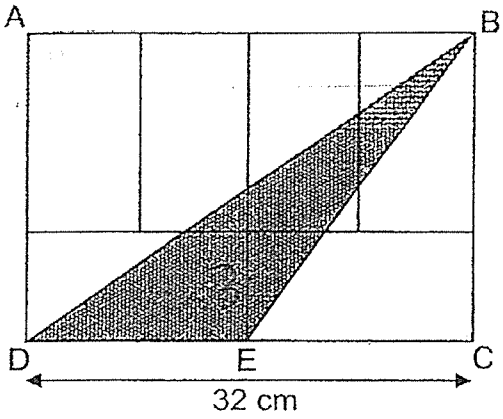
11 In the figure below, rectangle ABCD is made up of 6 identical smaller rectangles.



(a) Find the length of BC.

Ans: (a) _____ [2]

(b) Find the area of the Triangle BDE.

Ans: (b) _____ [2]

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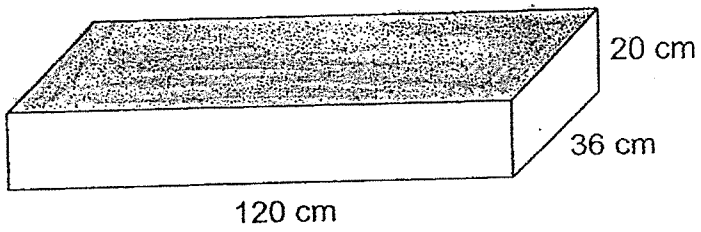
12 Daryl has a rectangular block of wood with only the top face painted.



(a) What is the volume of the block of wood?

Ans: (a) _____ [1]

(b) Daryl cuts the largest possible cube from one corner of the block.
What is the volume of the cube?

Ans: (b) _____ [1]

(c) What is the area of the painted face of the remaining block of wood?

Ans: (c) _____ [3]

End of Paper
--- CHECK YOUR WORK CAREFULLY ---

5

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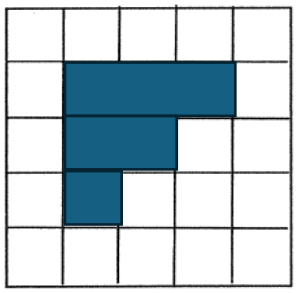
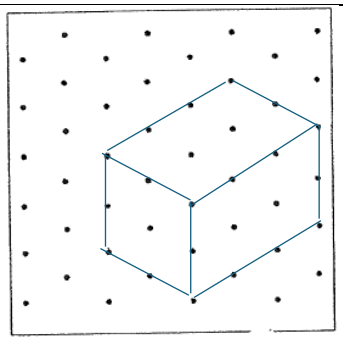
SCHOOL : AI TONG PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : 2024 TERM REVIEW 2

1	63	2	7u = 210 1u = 210 ÷ 7 = 30 14 u = 30 x 14 = $420
3	a) 12  Top view	4	
5	a) AD b) BA	6	$\frac{18 \times 9}{2}$ = 81 81 + 81 + 40.5 = 202.5 cm^2
7	16u = 96 1u = 96 ÷ 16 = 6 5u = 6 x 5 = $30	8	100 – 10 = 90 5u = 90 1u = 90 ÷ 5 = 18 3u = 18 x 3 = 54
9	180 – 105 = 75 75 + 75 + 105 = 255 cm^2	10	a) 80 x 18 x 60 = 86400 $\frac{7200}{86400} = \frac{1}{12}$ b) 86400 – 7200 = 79200 = 79.2L
11	a) 32 ÷ 2 = 16 16 ÷ 2 = 8 16 x 8 = 24 cm b) $\frac{16 \times 24}{2}$ = 192 cm^3	12	a) 120 x 36 x 20 = 86400 cm^3 b) 20 x 20 x 20 = 8000 cm^3 c) 120 x 36 = 4320 20 x 20 = 400 4320 – 400 = 3920 cm^2

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