Anglo-Chinese School (Junior)

WEIGHTED BITE-SIZED ASSESSMENT 2 (2025)
PRIMARY 5

MATHEMATICS

Wednesday 7 May 2025 45 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO

Follow all instructions carefully.

There are 13 questions in this booklet.

Answer ALL questions.

The use of calculators is not allowed.

Section	Possible Marks	Marks Obtained
A	7	
B	7	
C	11	
TOTAL	25	

Name: _____ ( )

Class: 5. ( )

Parent's Signature: _____

This question paper consists of 8 printed pages. (Inclusive of cover page)

Questions 1 to 3 carry 1 mark each.
Questions 4 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). (7 marks)

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1. 19.999 = 19 + 0.9 + _____ + 0.009

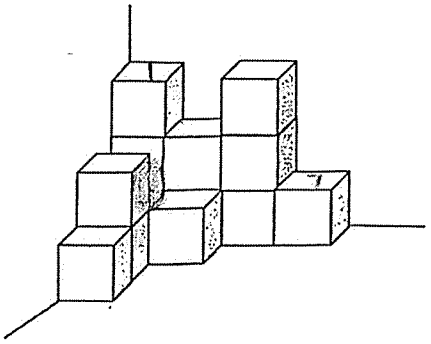
   1) 9

   2) 0.9

   3) 0.09

   4) 0.009 ( )

2. The solid is made up of 1-cm cubes glued together.



What is the volume of the solid?

1) 13 cm^3

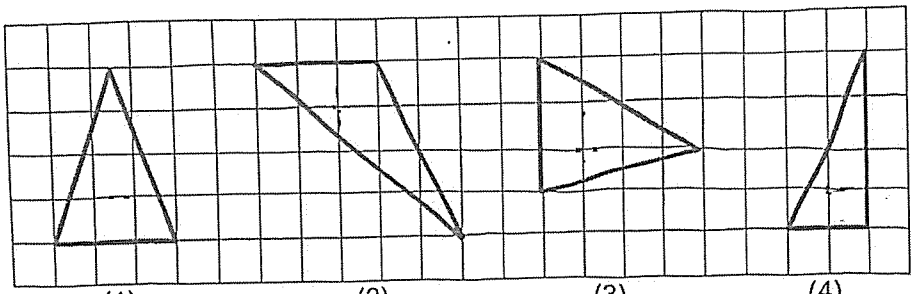
2) 14 cm^3

3) 15 cm^3

4) 16 cm^3 ( )

Sub-Total: [ ]

3. Four triangles are shown on the square grid. Three of the triangles has the same area and one has a different area. Which triangle has a different area from the rest?



( )

4. A rectangular container measuring 20 cm by 15 cm by 8 cm is $\frac{3}{4}$ filled with orange juice. How much more orange juice is needed to fill the container completely?

1) 600 mℓ

2) 1200 mℓ

3) 1800 mℓ

4) 2400 mℓ ( )

5. A painter mixed 1.2 ℓ of green paint with some white paint. The amount of white paint used was 10 times as much as the green paint. He then poured all the mixture into 100 small cups without spilling. How much paint did each cup contain?

1) 0.12 ℓ

2) 0.132 ℓ

3) 1.2 ℓ

4) 1.32 ℓ ( )

Sub-Total: [ ]

Questions **6** to **8** carry 1 mark each.
Questions **9** to **10** 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. (7 marks)

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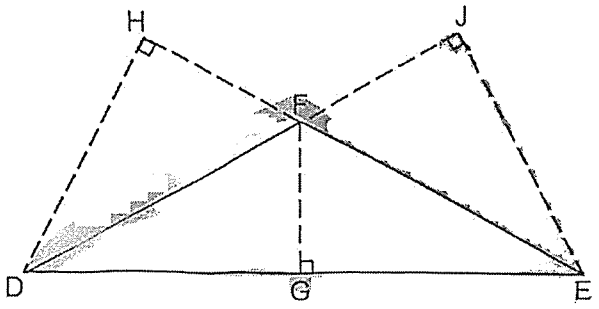
6. What is the base of Triangle DEF when the height is EJ?

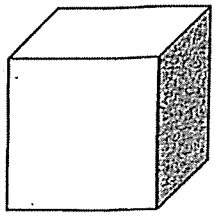


Answer :_____

7. Round 5.788 to the nearest hundredth.

Answer :_____

8. Find the volume of the cube.

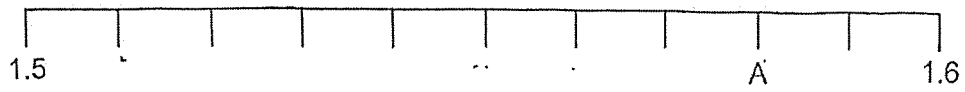


5 cm

Answer :_____ cm^3

Sub-Total: ☐

9. The diagram shows the number line between 1.5 and 1.6.

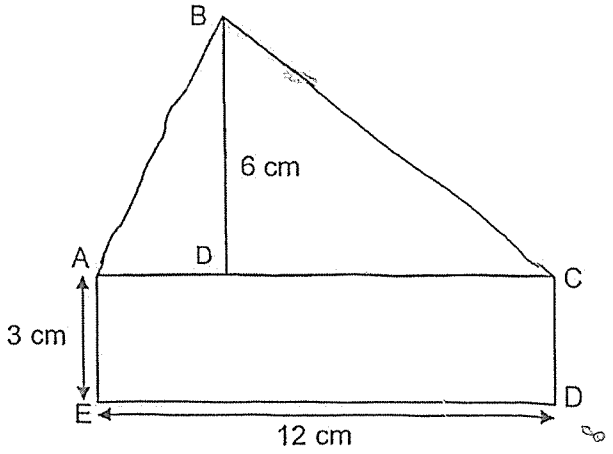


a) In the number line, what is the value represented by A?

Answer : _____

b) Draw an "X" on the number line to best represent the value 1.527.

10. In the figure drawn below. ABC is a triangle and ACDE is a rectangle. AC = DE = 12 cm, BD = 6 cm and AE = 3 cm.



Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

Statement	True	False	Not possible to tell
AC is the height and BD is the base of Triangle ABC.			
The area of the figure is 108 cm^2.			
The length of side BC is 10 cm.			

5 Sub-Total: ____

For questions **11** to **13**, 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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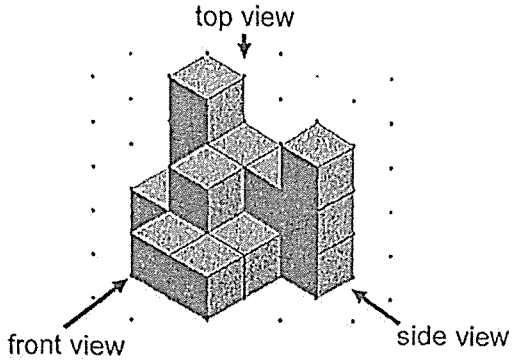
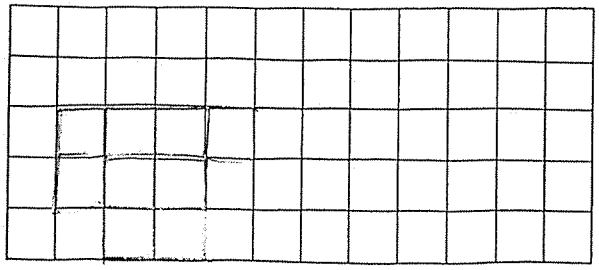
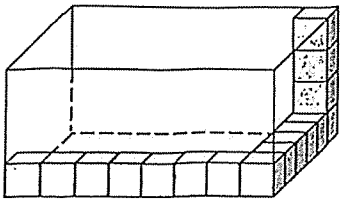
11. Rayden made the following solid using 16 cubes of sides 1-cm.



a) Draw the solid's top view on the square grid. [1]



b) The 16 cubes were put inside a glass tank. How many more cubes are needed to fill the glass tank completely?



Ans : _____ [2]

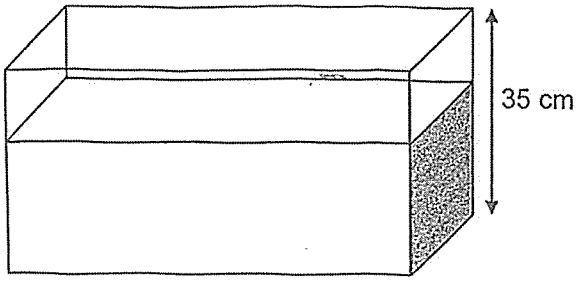
Sub-Total: ☐

12. A tank has a rectangular base with length 45 cm. The length is 25 cm longer than the breadth.

a) Find the area of the base of the tank.

Ans : _____[1]

b) The height of the tank is 35 cm. The tank is $\frac{4}{5}$ filled with water. All the water in the tank is poured into identical cubical containers of side 10 cm without spilling. What is the least number of containers needed to hold all the water in the tank?



Ans : _____[3]

Sub-Total:

13. Figure 1 shows a right-angled triangle XYZ where YZ = 8 cm. Figure 2 is formed using four such right-angled triangles. The perimeter of Figure 2 is 96 cm.

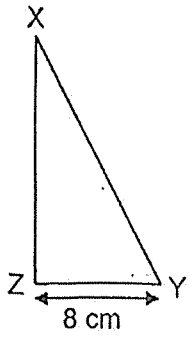


Figure 1

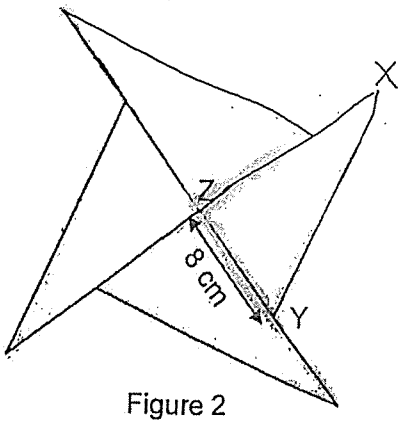


Figure 2

XY is 6 cm shorter than the total length of XZ and YZ. Find the area of Figure 2.

Ans : _____[4]

~ End of Paper ~

Sub-Total: ☐

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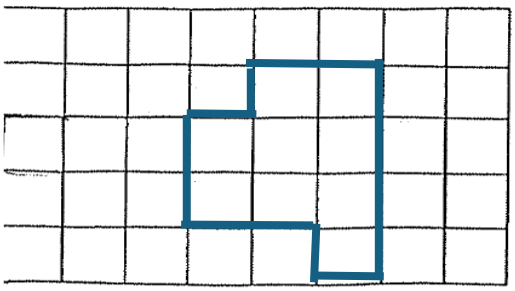
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : 2025 WEIGHTED ASSESSMENT 2

Q1	Q2	Q3	Q4	Q5					
3	2	4	1	2					

Q6)	FD
Q7)	5.79
Q8)	125 cm^3
Q9)	1.58
Q10)	False False Not possible to tell
Q11)	a) *(grid diagram)*  b) 8 × 4 × 6 = 192 192 − 16 = 176
Q12)	a) 45 − 25 = 20 45 × 20 = 900 cm^2 b) 35 ÷ 5 = 7 7 × 4 = 28 28 × 900 = 25200 10 × 10 × 10 = 1000 25200 ÷ 1000 = 25.2 25.2 + 0.8 = 26

Q13)	24 + 8 = 32 32 – 2 = 30 X2→30 ÷ 2 = 15 ½ x 8 x 15 = 60 60 x 4 = 240cm2