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You Are The Assessor

Level 1 maths

Volume

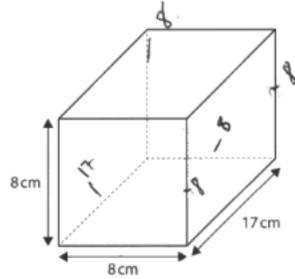
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Learner One

How many marks would you award?

Here is a cuboid.



Calculate the volume of the cuboid.
Remember to give units with your answer. (3)

$8 + 8 + 17 + 17 + 8 + 8 + 8 + 8$
82cm

$8 + 8 + 17 = 3$

33m²

82cm

Question	Process	Mark	Mark Grid	Evidence
Q7	Full process to find volume	1 or	A	$8 \times 8 \times 17 (=1088)$
	Accurate figure	2	AB	1088
	Correct unit of capacity	1	C	cm ³
Total marks for question		3		

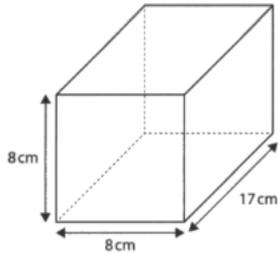
How many marks would you award?

- This learner would get no marks for this answer.
- They appear to have worked out the lengths of all the sides instead of the volume.

Learner Two

How many marks would you award?

Here is a cuboid.



Calculate the volume of the cuboid.
Remember to give units with your answer.

$L \times w \times h$
 $w \times h \times L$

(3)

$$8 \times 8 \times 17 = 1088 \text{ cm}$$

$$17 \times 8 \times 8 = 1088$$

1088cm

Question	Process	Mark	Mark Grid	Evidence
Q7	Full process to find volume	1 or	A	$8 \times 8 \times 17 (=1088)$
	Accurate figure	2	AB	1088
	Correct unit of capacity	1	C	cm^3
Total marks for question		3		

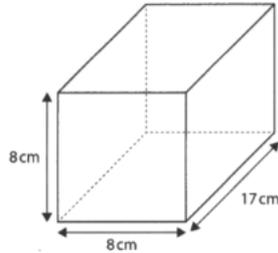
How many marks would you award?

- This learner would get two marks for this answer.
- They have successfully worked out the volume of the cuboid. However, they have failed to use the correct units so cannot receive the final mark.

Learner Three

How many marks would you award?

Here is a cuboid.



Calculate the volume of the cuboid.
Remember to give units with your answer.

(3)

$$V = l \times w \times h$$

$$8 \times 8 \times 17 = 1088 \text{ cm}^3$$

64

$$V = l \times w \times h$$

$$8 \text{ cm} \times 8 \text{ cm} \times 17 \text{ cm} = 1088 \text{ cm}^3$$

1088cm³

Question	Process	Mark	Mark Grid	Evidence
Q7	Full process to find volume	1 or	A	$8 \times 8 \times 17 (=1088)$
	Accurate figure	2	AB	1088
	Correct unit of capacity	1	C	cm ³
Total marks for question		3		

How many marks would you award?

- This learner would get the full three marks for this answer.
- This is a model answer.

Lessons Learnt

Lessons Learnt

- Ensure the learners are confident in being able to differentiate between area, perimeter and volume questions.
- If the question asks for the correct units, ensure the units are given. Note the units are a standalone element of the mark scheme and the learner would still get this mark even if the rest of the answer was incorrect.

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