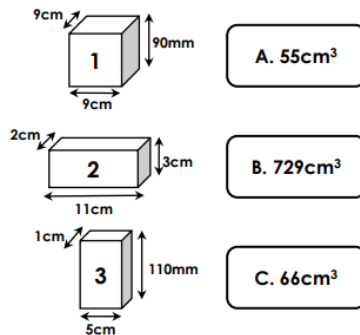
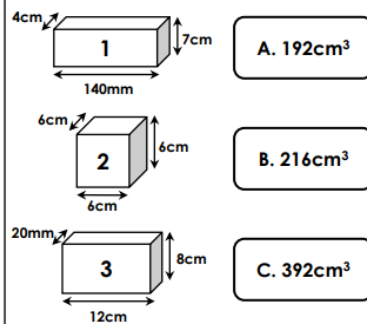


1

5a. Using the formula $l \times w \times h$, match the cuboids to the correct volume.



5b. Using the formula $l \times w \times h$, match the cuboids to the correct volume.



2

7a. Complete the table.

	l	w	h	v
Cuboid 1	4m	7m	500cm	
Cuboid 2	11cm		4cm	88cm^3
Cube		8cm		512cm^3

^

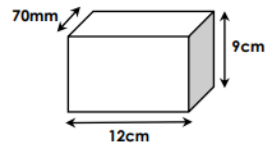
7b. Complete the table.

	l	w	h	v
Cube				8cm^3
Cuboid 1	6mm		4mm	216mm^3
Cuboid 2	600cm	7m	11m	

^

3

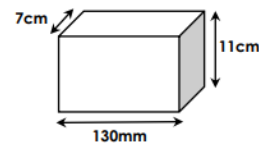
4a. Harry is calculating the volume of this cuboid. He says,



I know that $12\text{cm} \times 7\text{cm} = 84\text{cm}^2$, so the volume is $84\text{cm}^2 \times 9\text{cm} = 756\text{cm}^3$.

Is Harry correct? Explain why.

4b. Bella is calculating the volume of this cuboid. She says,

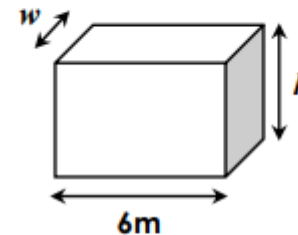


I know that $7\text{cm} \times 11\text{cm} = 77\text{cm}^2$, so the volume is $77\text{cm}^2 \times 13\text{cm} = 1,001\text{cm}^2$.

Is Bella correct? Explain why.

4

5a. Use the clues to find the missing dimensions of this cuboid.



- Its volume is 720m^3 .
- The total of the length, width and height is 3,200cm.
- The width is less than the height.