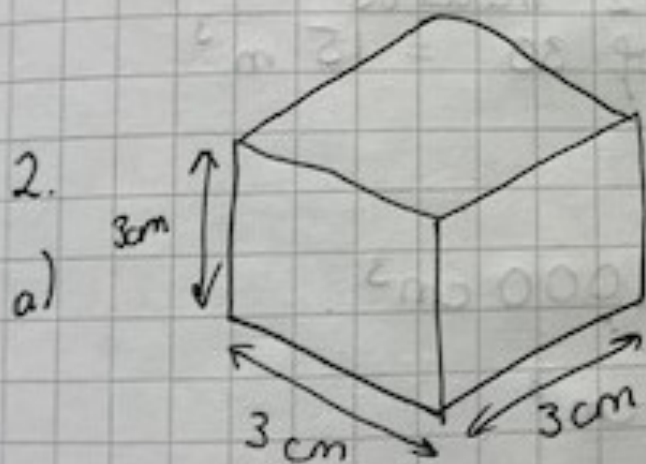


$$3 \times 6 = 18$$

$$18 \times 2 = 36 \text{ cm}^3$$

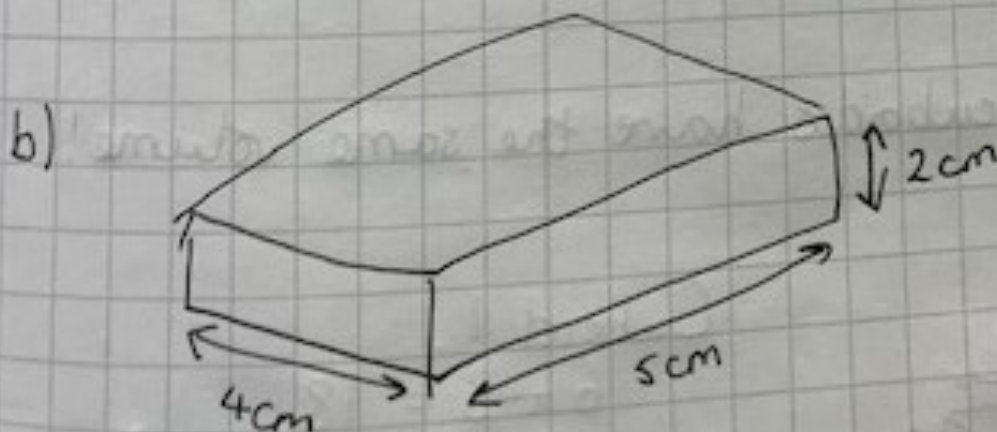
b) I did length  $\times$  width then I multiplied the  
c) answer by the height.

The volume of the second cuboid is exactly the same but the lines haven't been drawn on.



$$3 \times 3 = 9$$

$$9 \times 3 = 27 \text{ cm}^3$$



$$4 \times 5 = 20$$

$$20 \times 2 = 40 \text{ cm}^3$$

4. Cubes mean all sides are the same.

a)  $5 \times 5 = 25$        $25 \times 5 = 125 \text{ cm}^3$ .

b)  $7 \times 7 = 49$

$$\begin{array}{r} 49 \\ \times 7 \\ \hline 343 \\ \hline \end{array}$$

so  $343 \text{ mm}^3$

5.  $5 \times 3 = 15$

$15 \times ? = 60 \text{ m}^3$        $? = 4 \text{ m}$ .

6.  $30 \times 1 = 30$ .

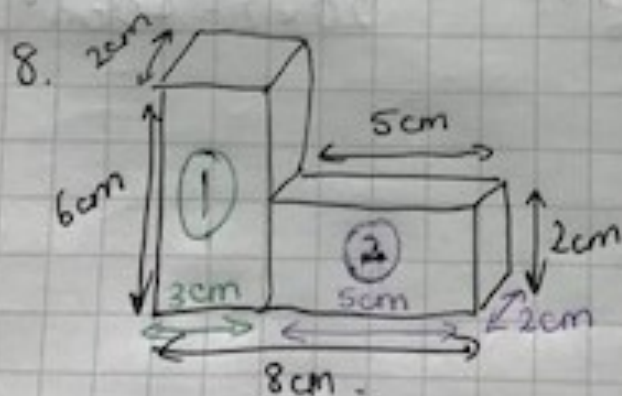
$30 \times \frac{1}{2}$  means  
half of 30 =  $15 \text{ m}^3$

$1 \text{ m} = 100 \text{ cm}$

$1 \text{ m}^3 = 100 \times 100 = 10,000 \text{ cm}^3$ .

So  $15 \text{ m}^3 = 150,000 \text{ cm}^3$ .

7. These two cuboids have the same volume!



Cuboid 1.

$$6 \times 3 = 18$$

$$18 \times 2 = 36 \text{ cm}^3$$

Cuboid 2.

$$5 \times 2 = 10$$

$$10 \times 2 = 20 \text{ cm}^3$$

Total volume =  $36 + 20 = 56 \text{ cm}^3$ .