

Volume of a cuboid

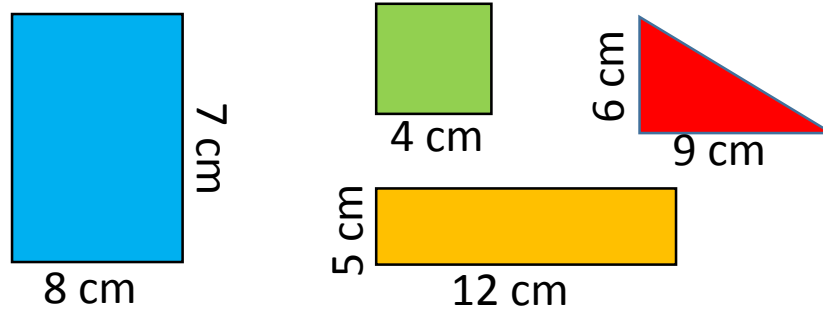
Literacy

What are the similarities and differences of a cube and cuboid?



ROK (Retention of Knowledge)

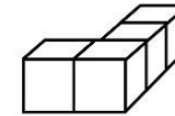
Find the area of the following shapes.



Memory

To find the volume either count the cubes or use the formula

$$\text{Volume of a cuboid} = \text{Length} \times \text{Width} \times \text{Height}$$



$$V = 2 \times 5 \times 6$$

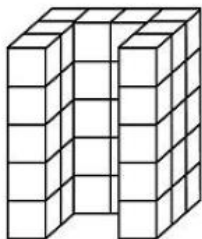
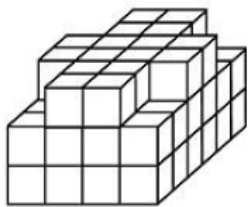
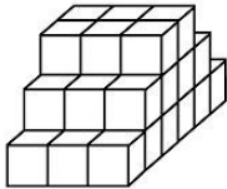
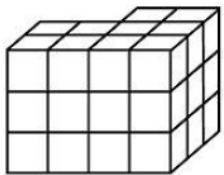
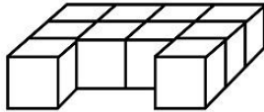
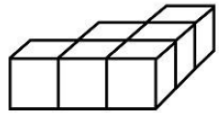
$$V = 2 \times 30$$

$$V = 60 \text{ cm}^3$$

$$V = 4 \text{ cm}^3$$

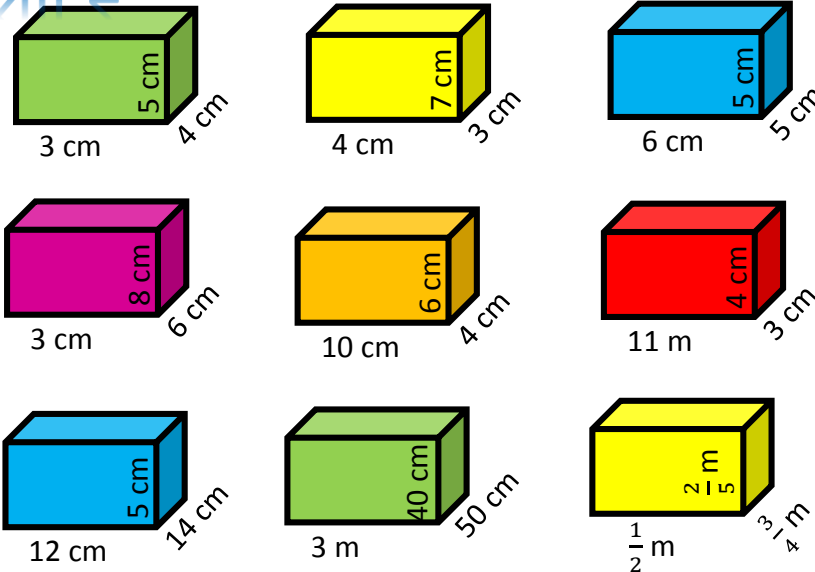
Skill 1

Find the volume of these shapes.



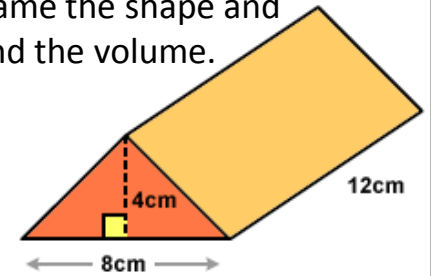
Skill 2

Find the volume of these cuboids.

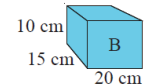
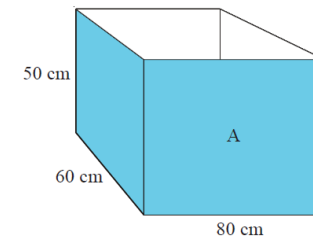


Stretch

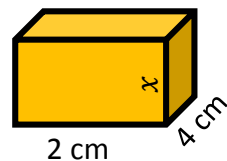
Name the shape and find the volume.



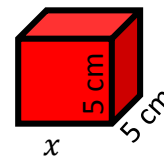
How many of Box B can be packed into Box A?



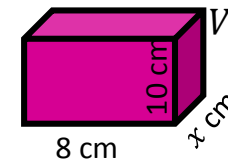
Find the missing lengths.



$$V = 40 \text{ cm}^3$$



$$V = 125 \text{ cm}^3$$



$$V = 40 \text{ cm}^3$$

Skill 3