



- 1) **Capacity** is the amount a container can hold.
Volume is the amount of space something takes up.

2)

Shape	Width	Length	Height	Volume cm^3
A	3cm	2cm	3cm	18cm^3
B	4cm	5cm	3cm	60cm^3

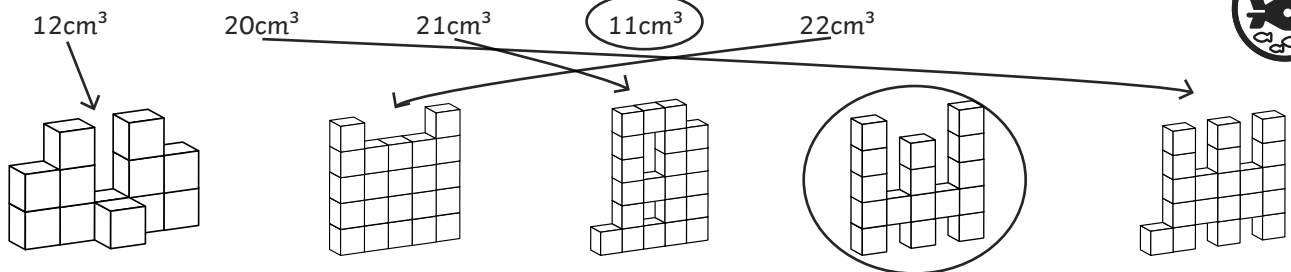
Shape B length and height values are interchangeable.

- 3) Look at this container. Identify both the capacity of the container and the volume of the liquid. Remember to use the correct units:

Capacity: 300ml

Volume: 175ml

1)



- 2) Multiple answers possible.

- 1) Shapes A and C. Answers should explain that $A = 48\text{cm}^3$, $B = 36\text{cm}^3$, $C = 48\text{cm}^3$

- 2) a) Accept three different answers where three numbers multiply to equal 16.

$1\text{cm} \times 1\text{cm} \times 16\text{cm}$, $1\text{cm} \times 2\text{cm} \times 8\text{cm}$, $1\text{cm} \times 4\text{cm} \times 4\text{cm}$, $2\text{cm} \times 2\text{cm} \times 4\text{cm}$.

- b) Accept answers where three numbers multiply to equal 8.

$1\text{cm} \times 1\text{cm} \times 8\text{cm}$, $1\text{cm} \times 2\text{cm} \times 4\text{cm}$

