YEAR 5 Volume

Key Vocabulary	
Cubed	Area
Cross-section	Length
Height	Width
Prism	Depth
Capacity	3D

X 1000
l → ml
÷ 1000

X 10
cl → ml
÷ 10

X 100
l → cl
÷ 100
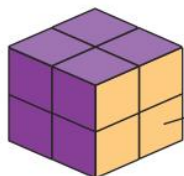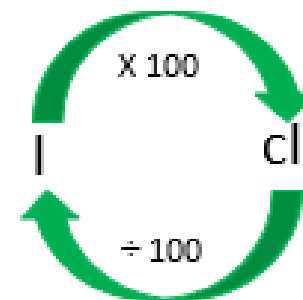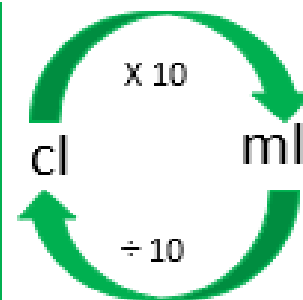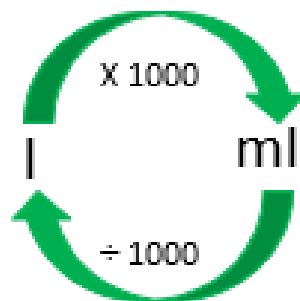
Area of cross section (face) = 2cm × 2cm = 4cm^2

4cm^2 × 2cm = Volume of 8cm^3

3D shapes have volume.

length × height × depth = volume

2cm

4cm   3cm

1 litre   1 litre   1 litre
$\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$
$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$
$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$