What have I previously learned?

- Find the perimeter of rectangles, rectilinear shapes, polygons.
- Find the area of rectangles, compound shapes and irregular shapes.
- Compare and estimate volume.

Prompts to help me in my learning

To find the perimeter, add together all sides of the shape.

12 cm

2 cm

12cm + 12cm + 2cm + 2cm = 28cm

To 2.

12 cm

2 cm

bas

12cm X 2cm = 24cm^2

To find the area of a parallelogram, multiply the base by the perpendicular height.

6 cm

3 cm

3 cm

6 cm

6cm X 3cm = 18 cm^2

18 cm^2 ÷2 = 9cm^2

To find the volume of a cuboid, multiply the length by the width by the height.

6 cm

5 cm

3 cm

3cm X 5cm = 15 cm^2

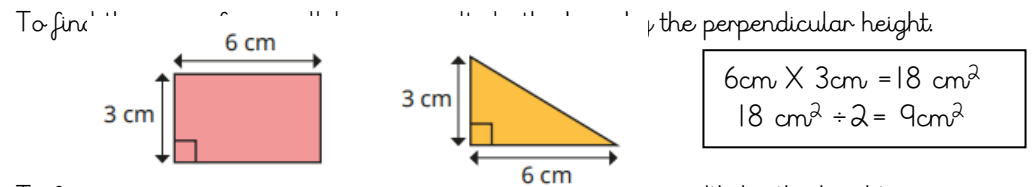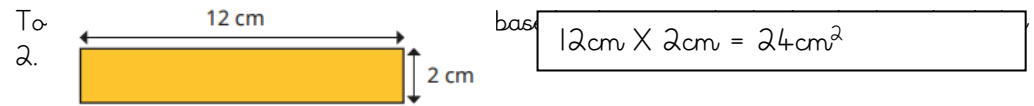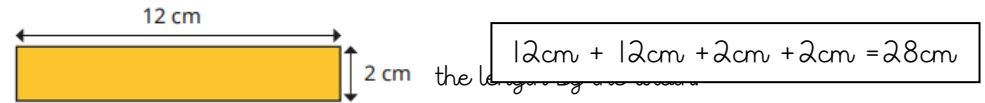## Vocabulary – Goldilocks words

Word	Definition
Perimeter	The continuous line forming the boundary of a closed geometrical figure.
Area	The measurement of the amount of space inside a 2D shape.
Volume	The amount of space that an object occupies, or that is enclosed within a container.
Formula	A mathematical relationship or rule expressed in symbols.
Perpendicular	A straight line at an angle of 90° to a given line, plane, or surface.

6 cm

3 cm

3 cm

6cm X 3cm = 18cm

18cm X 3cm = 54cm^3

Useful links

[Year 6 Spring Block 5 TS2 Area and perimeter on Vimeo](#)
[Year 6 Spring Block 5 TS5 Area of any triangle on Vimeo](#)
[Year 6 Spring Block 5 TS8 Volume of a cuboid on Vimeo](#)