Name: _____   Date: _____

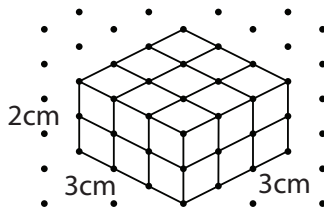# Cubes and Volume

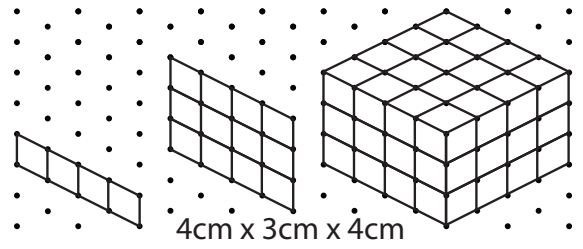**Volume** is the measure of space inside of a solid object.

Volume is measured in **cubic units (cm³)**.

2cm

3cm   3cm

3cm x 3cm x 2cm = V
18cm³ = Volume

How to Draw the 3D Object
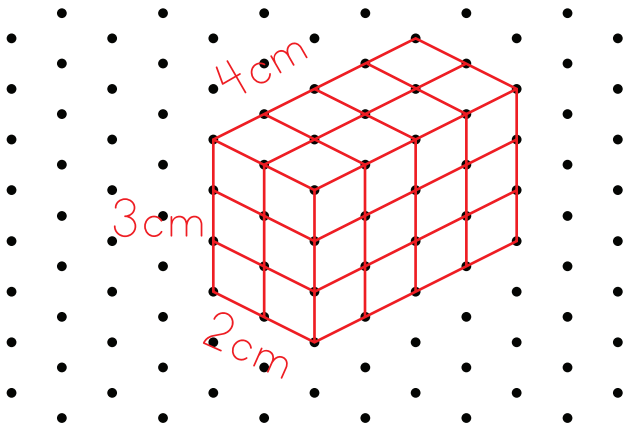
4cm x 3cm x 4cm

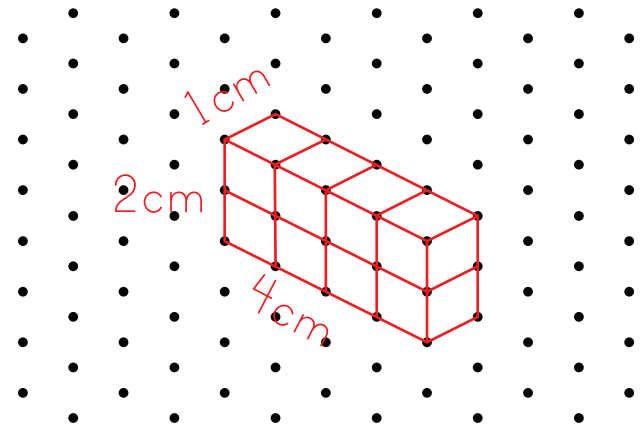**Step 1**
Draw Length

Step2
Draw Height

Step 3
Draw Width

Directions: Draw a rectangular prism with the given dimensions. Label the sides and calculate the volume in cubic centimeters.
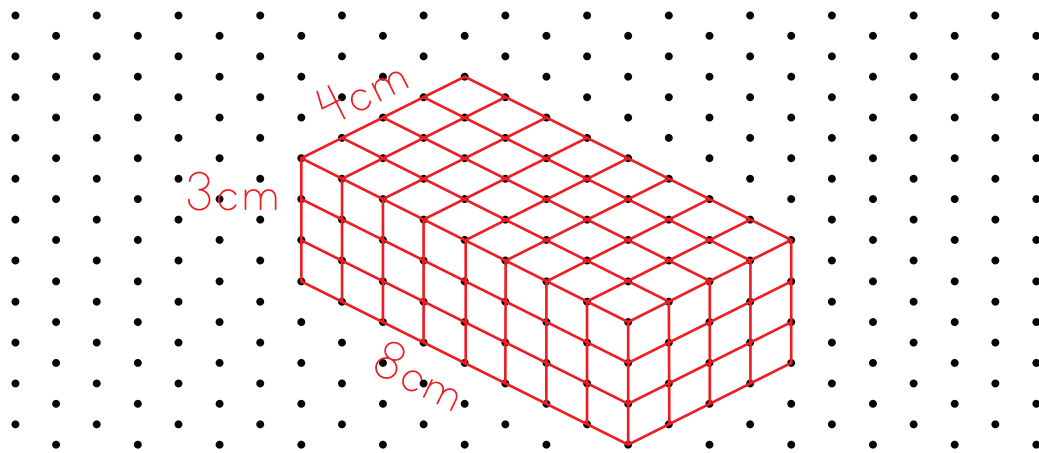
1.

4cm
3cm
2cm

     l   w   h
2 cm x 4 cm x 3 cm = _24_ cm³

2.

1cm
2cm
4cm

     l   w   h
4 cm x 1 cm x 2 cm = _8_ cm³

3.

4cm
3cm
8cm

     l   w   h
8 cm x 4 cm x 3 cm = _96_ cm³