

Area, perimeter and volume review

MODULE 5 · AREA, PERIMETER AND VOLUME MEASURES

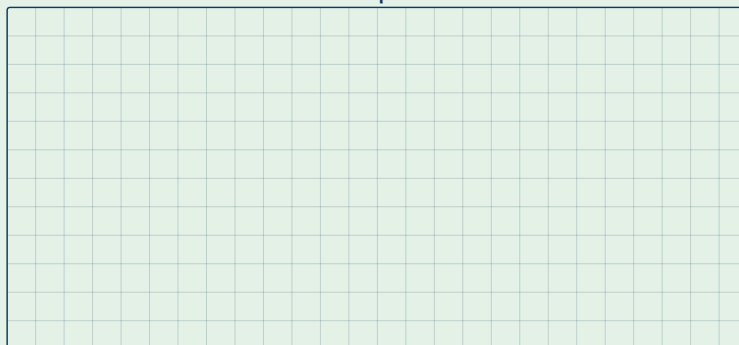
HOW TO ANSWER TODAY

- **Polygon perimeter.** Regular = all sides equal. Perimeter = number of sides $\times$ side length.
Regular pentagon, side 4 cm $\rightarrow 5 \times 4 = 20$ cm
- **Volume.** Volume = length $\times$ width $\times$ height. Answer in cubic units (cm^3 , m^3).
 $5 \times 4 \times 3 = 60 \text{ cm}^3$
- **Perimeter.** Perimeter is the distance ALL the way round. Rectangle: (length + width) $\times$ 2.
12 m by 8 m $\rightarrow (12 + 8) \times 2 = 40$ m

TRY IT ON THE LINE

Use the squared space to draw shapes and find their perimeter and area.

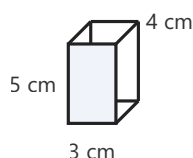
Shapes



1. Draw each rectangle from the lesson on the squares.
2. Find the perimeter by adding the side lengths.
3. Find the area by counting the squares inside.

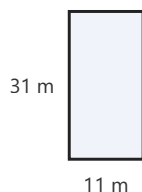
PRACTICE

1



Aoife makes a small craft block for her project by gluing centimetre cubes together. The block is **3 cm** long, **4 cm** wide and **5 cm** high. What is the volume of the block?

2



the class are laying out a rectangular vegetable patch in the school garden. The patch measures **11 m** by **31 m**. What length of fencing is needed to go all the way around the patch?