MEASUREMENT · YEAR 5

Calculating Perimeter of Rectangles and Polygons

Name: _____ **Date:** _____

> Perimeter is the distance all the way around a shape. Add every side. If units differ, convert them to the same unit first.

A. Rectangles and regular polygons

Show your working for each question.

1 Rectangle



Length 9 cm; width 4 cm.

Show your working:

Perimeter: _____ **cm**

2 Square (regular)

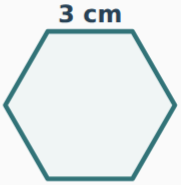


Each side is 5 cm.

Show your working:

Perimeter: _____ **cm**

3 Regular hexagon



Each side is 3 cm.

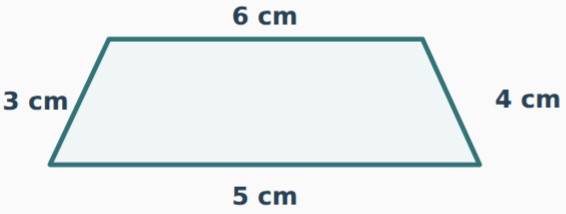
Show your working:

Perimeter: _____ **cm**

B. Irregular polygons

Diagrams are not drawn to scale.

4 Find the perimeter

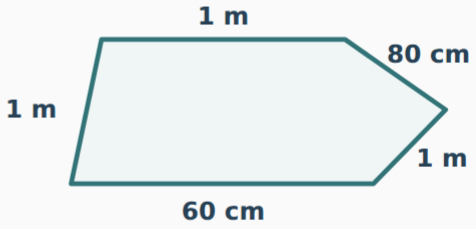


Add the lengths of all four sides.

Show your working:

Perimeter: _____ **cm**

5 Convert, then add



Find the perimeter in centimetres. Convert the metres first.

Show your working:

Perimeter: _____ **cm**

6 Perimeter in context

A rectangular garden is 12 m long and 7 m wide. How many metres of edging are needed to go all the way around it?

Edging needed: _____ **m**