

Area and Perimeter Multiplication

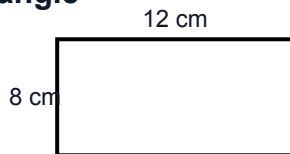
Name: _____

Date: _____

Instructions: Calculate the area and perimeter for each shape. Show your working out. Remember:
Area = length $\times$ width, Perimeter = add all sides.

Section A: Rectangles

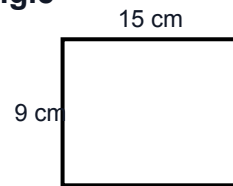
1. Rectangle



Area = _____ cm^2

Perimeter = _____ cm

2. Rectangle



Area = _____ cm^2

Perimeter = _____ cm

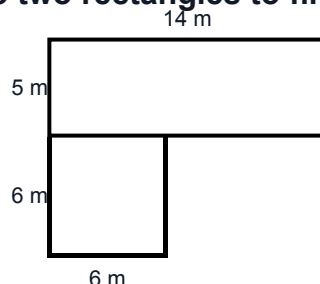
3. A rectangular garden measures 24 metres long and 16 metres wide.

a) Area = _____ m^2

b) Perimeter = _____ m

Section B: Composite Shapes

4. L-Shaped Room (split into two rectangles to find the total area)



Rectangle 1 Area = _____ m^2

Rectangle 2 Area = _____ m^2

Total Area = _____ m^2

5. A rectangular classroom is 10 m by 8 m. A storage cupboard in the corner measures 2 m by 3 m. What is the floor area of the classroom (excluding the cupboard)?

Working: _____

Answer = _____ m²

 Challenge Question:

A rectangular field has a perimeter of 60 metres. If the length is 18 metres, what is the width?
Then calculate the area.

Width = _____ m

Area = _____ m²