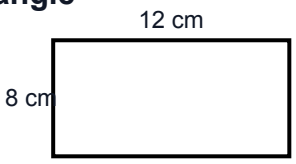
# Area and Perimeter Multiplication

Name: _____ Date: _____

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

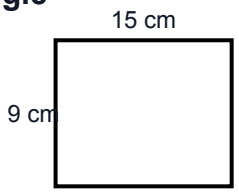
## Section A: Rectangles

### 1. Rectangle




Area = _____ cm²
Perimeter = _____ cm

### 2. Rectangle



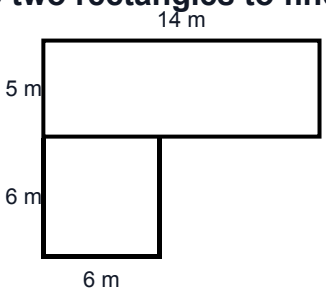

Area = _____ cm²
Perimeter = _____ cm

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

a) Area = _____ m²
b) Perimeter = _____ m

## Section B: Composite Shapes

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




Rectangle 1 Area = _____ m²
Rectangle 2 Area = _____ m²
Total Area = _____ m²

### 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