

Use the paper squares to help you solve these problems.

Draw your shapes onto squared paper.

Label each shape with its area and perimeter.

1. How many different **rectangles** can you find with an area of  $24 \text{ cm}^2$  but each with a different perimeter?
  
2. How many different **rectangles** can you find with an area of  $30 \text{ cm}^2$  but each with a different perimeter?
  
3. How many different **shapes** can you find that have an area of  $7 \text{ cm}^2$  but each with a different perimeter?

**Some shapes can have the same perimeter but different areas.**

4. Find two rectangles with a perimeter of 10 cm but each with a different area.
  
5. Find at least three **rectangles** that have a perimeter of 12 cm but each with a different area.