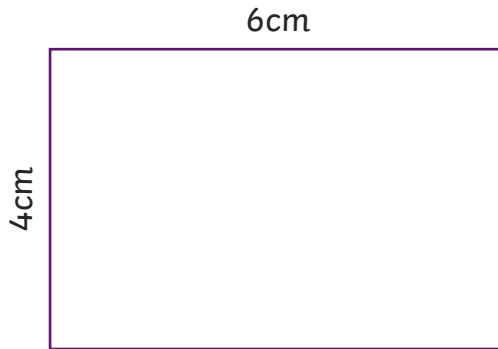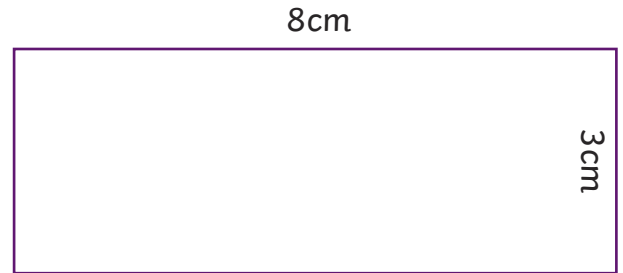# Compare Area of Rectangles

1. Here are some rectangles drawn to scale. Measure and calculate the area of each rectangle. Compare each pair of rectangles using **<**, **>** or **=**.
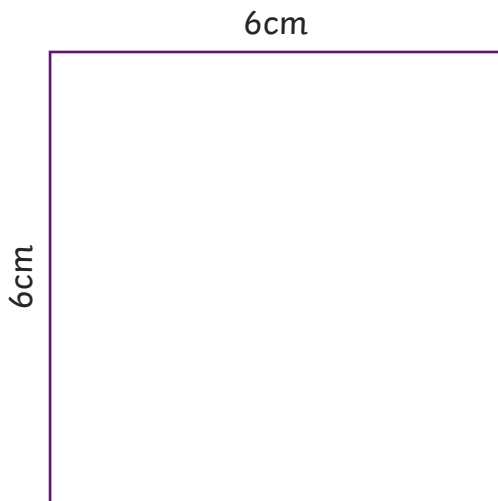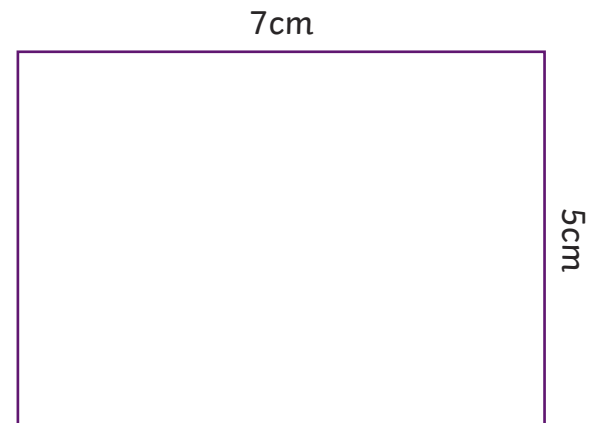
a.

6cm

4cm

8cm

3cm

Area = _____ cm^2

Area = _____ cm^2

b.

6cm

6cm
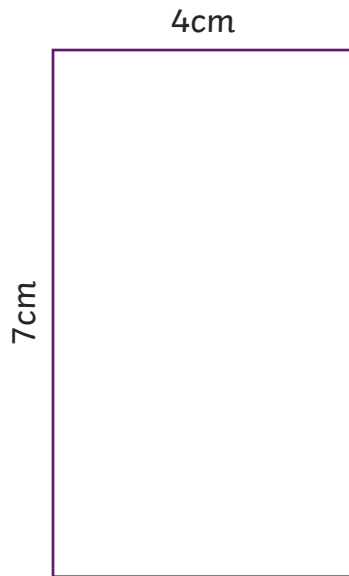
7cm

5cm

Area = _____ cm^2

Area = _____ cm^2

c.
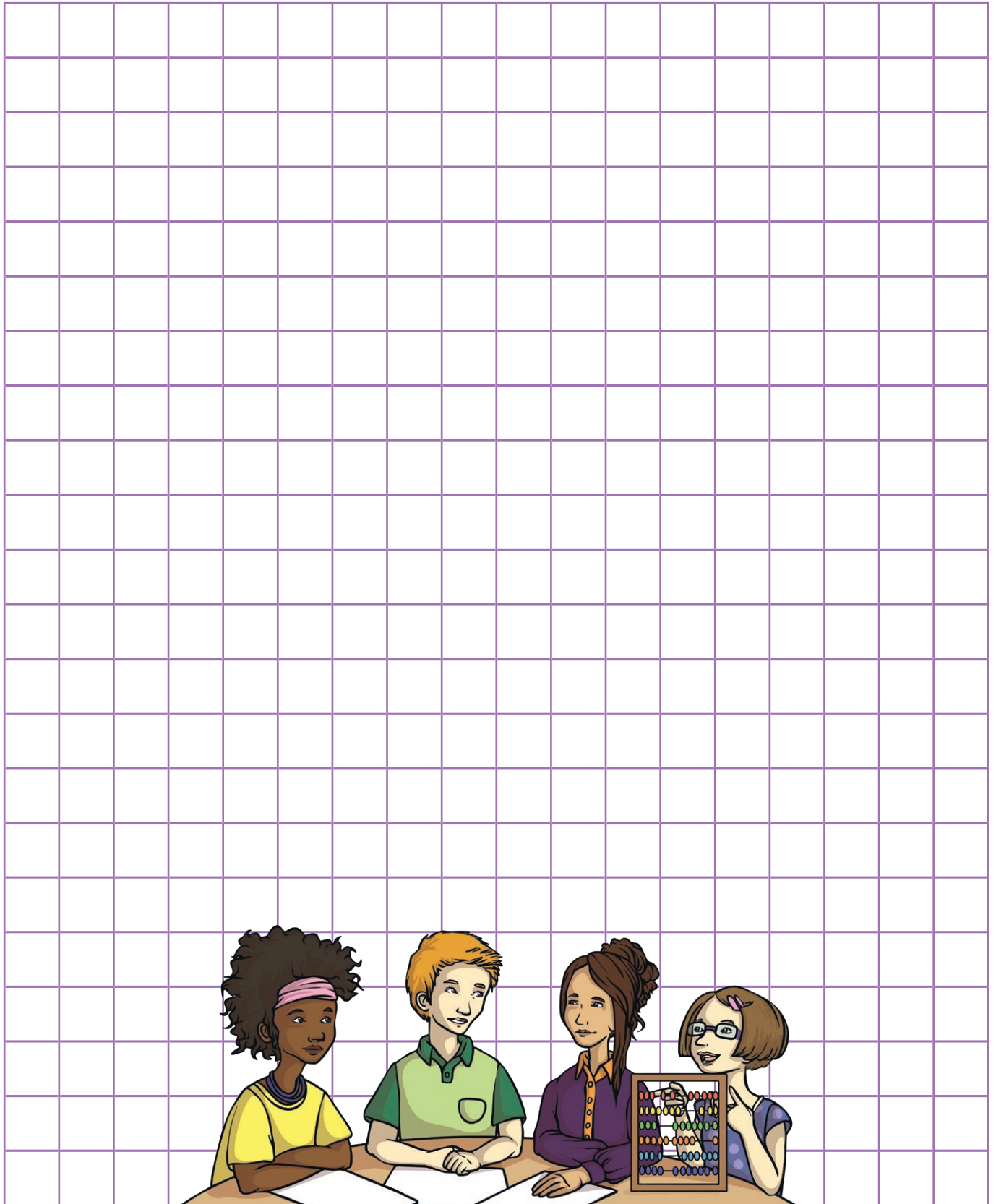
4cm

7cm

Area = _____ cm²

9cm

3cm

Area = _____ cm²

2. Look at the dimensions of these rectangles. Can you complete the table by comparing each pair of rectangles?

Rectangle A		Rectangle B
9m × 6m Area = _____ m²		8m × 7m Area = _____ m²
9m × 9m Area = _____ m²		10m × 8m Area = _____ m²
12m × 6m Area = _____ m²		8m × 9m Area = _____ m²

3. Draw two rectangles with a difference of **1cm²** and compare them using **<** or **>**.

4. **Rectangles must always have the same length and width in order to have the same area.**
   Is this statement true or false? Explain your answer fully.

_____

_____

_____

_____