Use Your Head challenges

Look at the shapes below.

12 cm

2 cm

6 cm

2 cm

3 cm

9 cm

9 cm

1 cm

8 cm   8 cm

7 cm

1 cm

Do any of the shapes have the same area?

Do any of the shapes have the same perimeter?
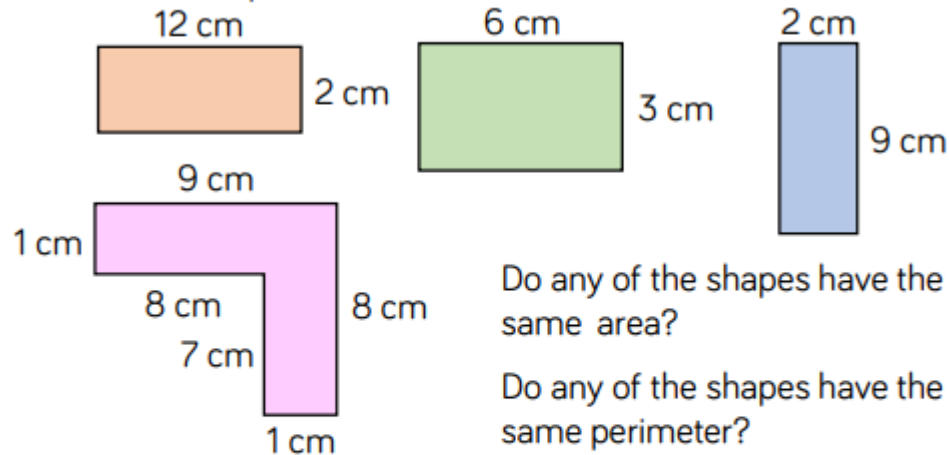
Work out the missing values.

12 cm

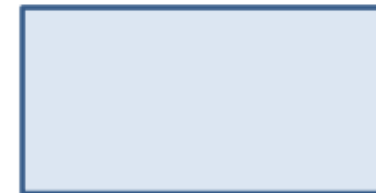Area = 60 cm²   ? mm

100 mm

Area = ? cm²   6 cm
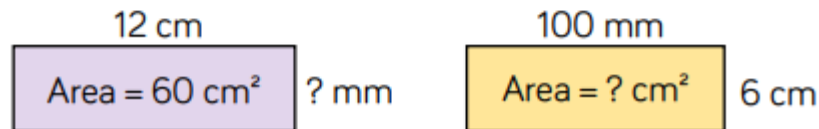
(a) The area of a square is 64m^2

What is the perimeter of the square?

(b) A rectangle is 2cm longer than it is wide.

The perimeter of the rectangle is 44cm.

Find the area of the rectangle.