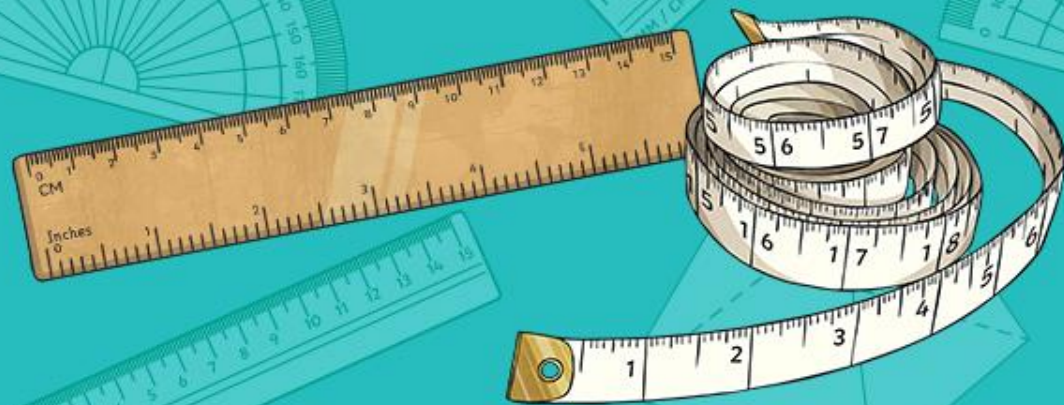# Measuring Perimeter

Aim

- To calculate the perimeter of a shape in centimetres.

Success Criteria

- I can measure the length of sides of rectangles and squares.
- I can add the measurements of sides together to calculate perimeter.

Centimetre Sort

Work with a partner.
Use a ruler to find objects to fit in each part of the Carroll diagram.

	Longer than 10cm	Not longer than 10cm
Higher than 15cm		
Not higher than 15cm		

Calculating Perimeter

Perimeter is the total distance around the edge of a figure or shape.

Here are the measurements of a rectangle:
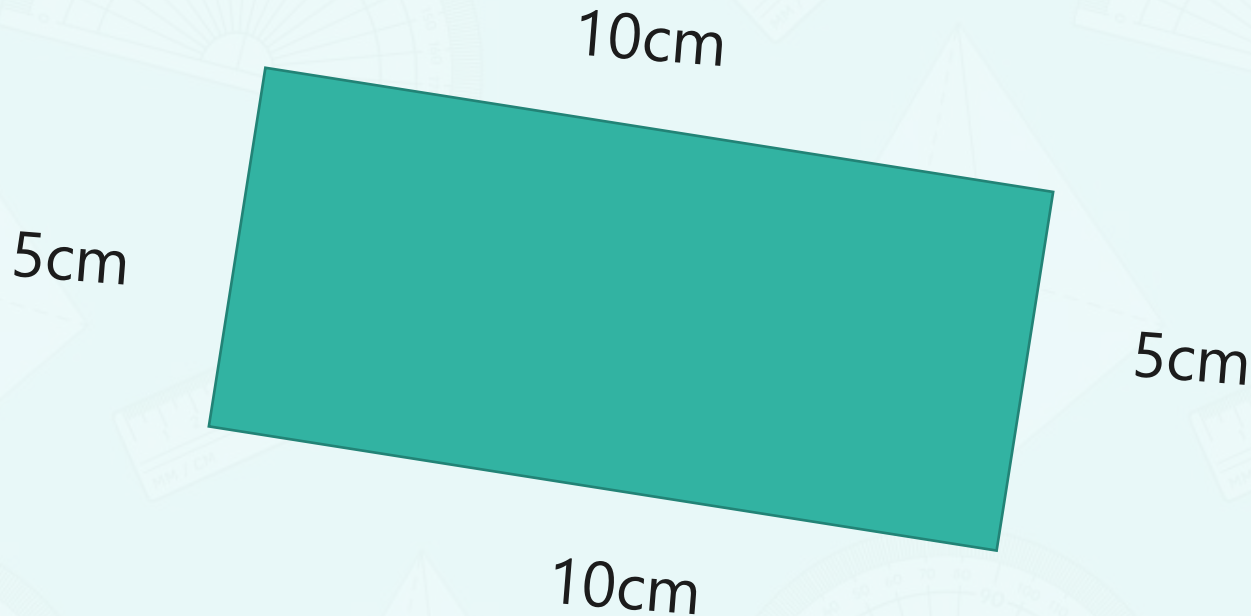
10cm

5cm

5cm

10cm

10cm + 5cm + 10cm + 5cm = 30cm

Calculating Perimeter

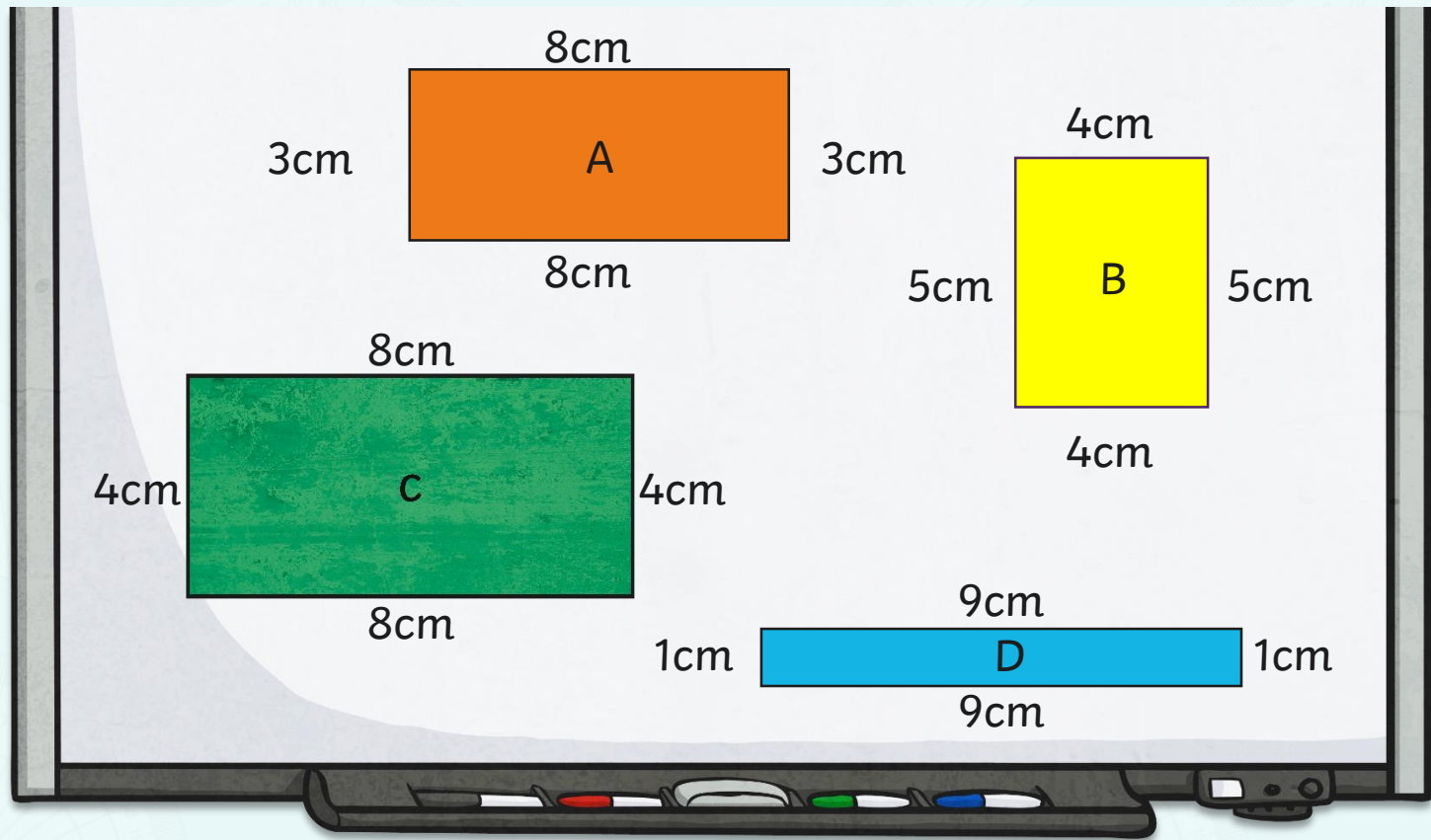Perimeter is the total distance around the edge of a figure or shape.

Here are the measurements of a rectangle:

10cm

5cm

5cm

10cm

Calculating Perimeter

Calculate the perimeter of these rectangles:

A — 8cm (top), 3cm (left), 3cm (right), 8cm (bottom)

B — 4cm (top), 5cm (left), 5cm (right), 4cm (bottom)

C — 8cm (top), 4cm (left), 4cm (right), 8cm (bottom)

D — 9cm (top), 1cm (left), 1cm (right), 9cm (bottom)

Calculating Perimeter

Calculate the perimeter of these rectangles:

A = 22cm

8cm

3cm **A** 3cm

8cm

B = 18cm

4cm

5cm **B** 5cm

4cm

8cm

4cm **C** 4cm

8cm

C = 24cm

D = 20cm

9cm

1cm **D** 1cm

9cm

Squares and Rectangles

This shape is a square.
We know that one of its sides is 4cm.
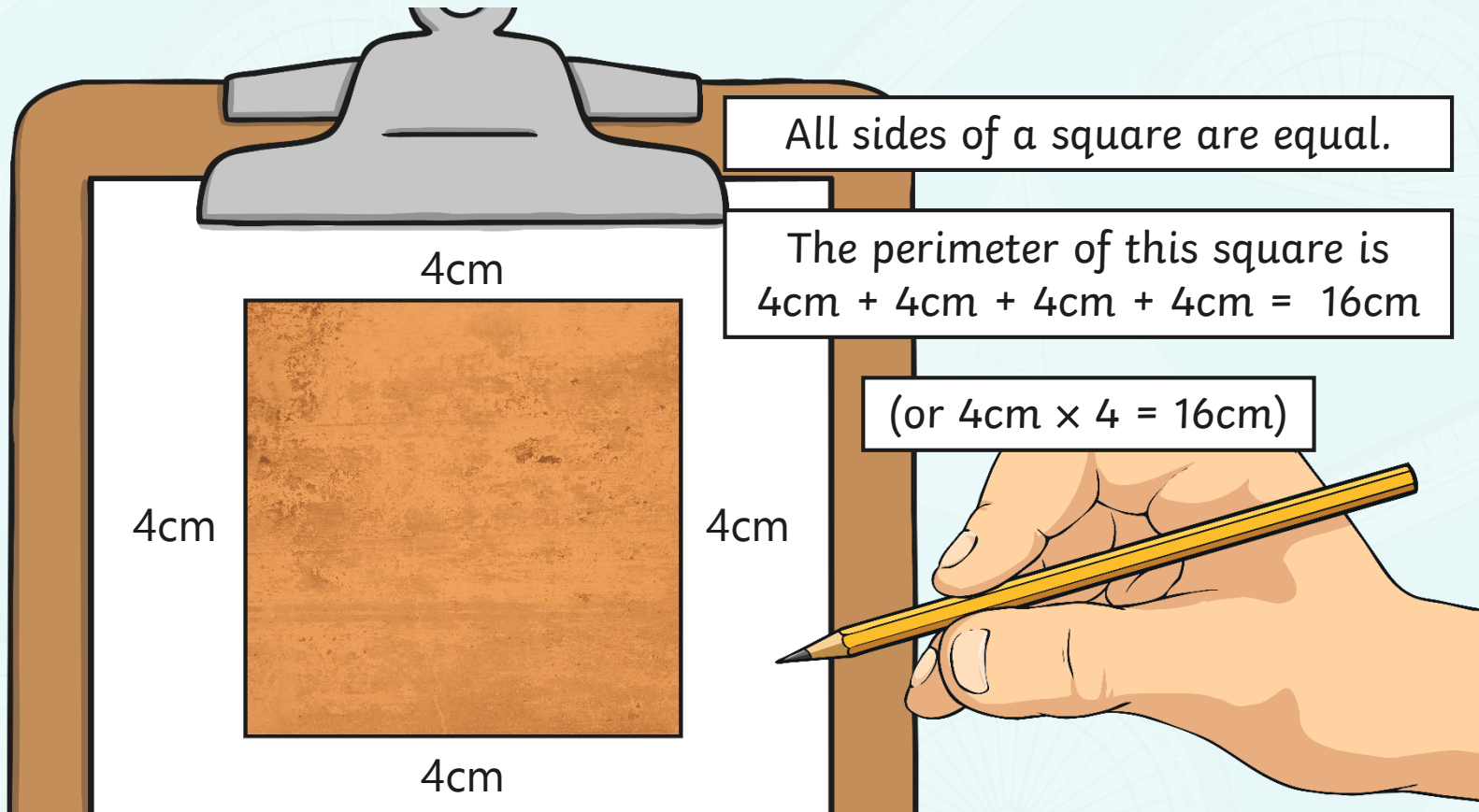
All sides of a square are equal.

The perimeter of this square is
4cm + 4cm + 4cm + 4cm = 16cm

(or 4cm × 4 = 16cm)

4cm

4cm

4cm

4cm

Squares and Rectangles

Calculate the perimeter of these squares:

6cm

B

3cm

A

2cm

C

Squares and Rectangles

Calculate the perimeter of these squares:

6cm

B

3cm

A

2cm

C
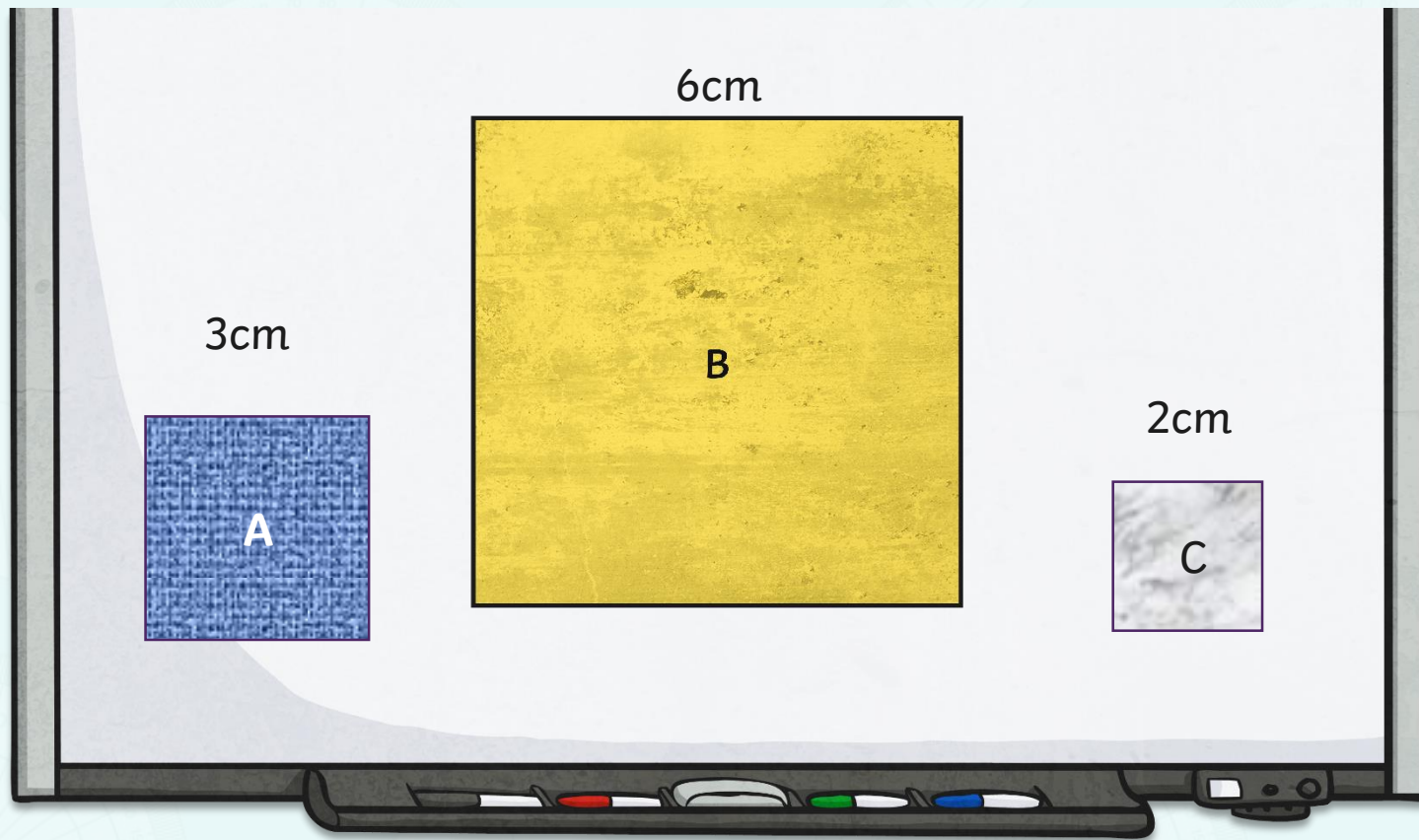
A = 12cm

B = 24cm

C = 8cm

Squares and Rectangles
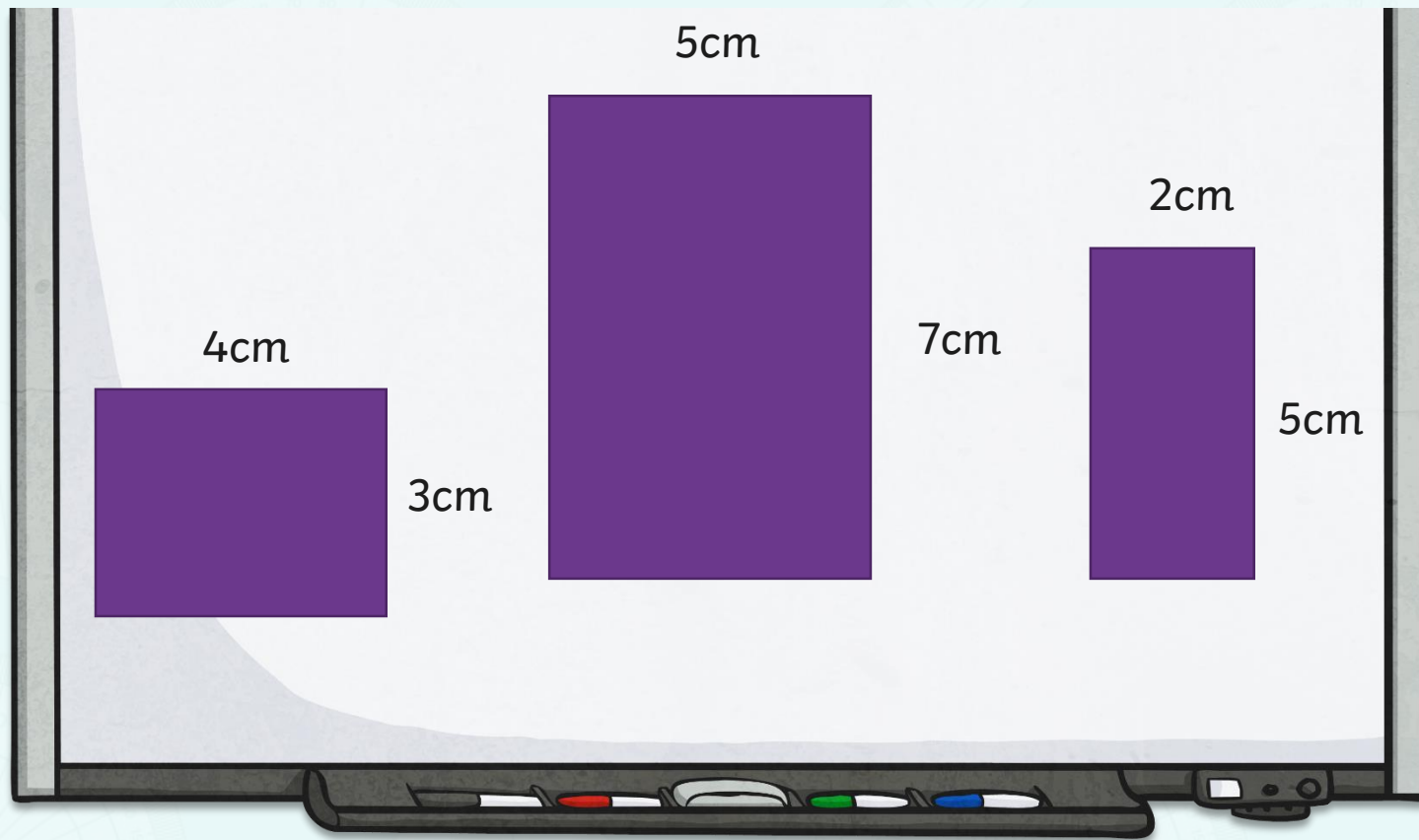
This shape is a rectangle.
We know that one of its sides is 4cm and the other is 8cm.

4cm

8cm

8cm

4cm

In a rectangle, opposite sides are equal.

The perimeter of this rectangle is 8cm + 8cm + 4cm + 4cm = 24cm

Squares and Rectangles

Calculate the perimeter of these rectangles:

5cm

2cm

4cm

7cm

5cm

3cm

twinkl.com

Squares and Rectangles

Calculate the perimeter of these rectangles:

5cm

4cm

2cm

3cm

7cm

5cm

A = 14cm

B = 24cm

C = 14cm
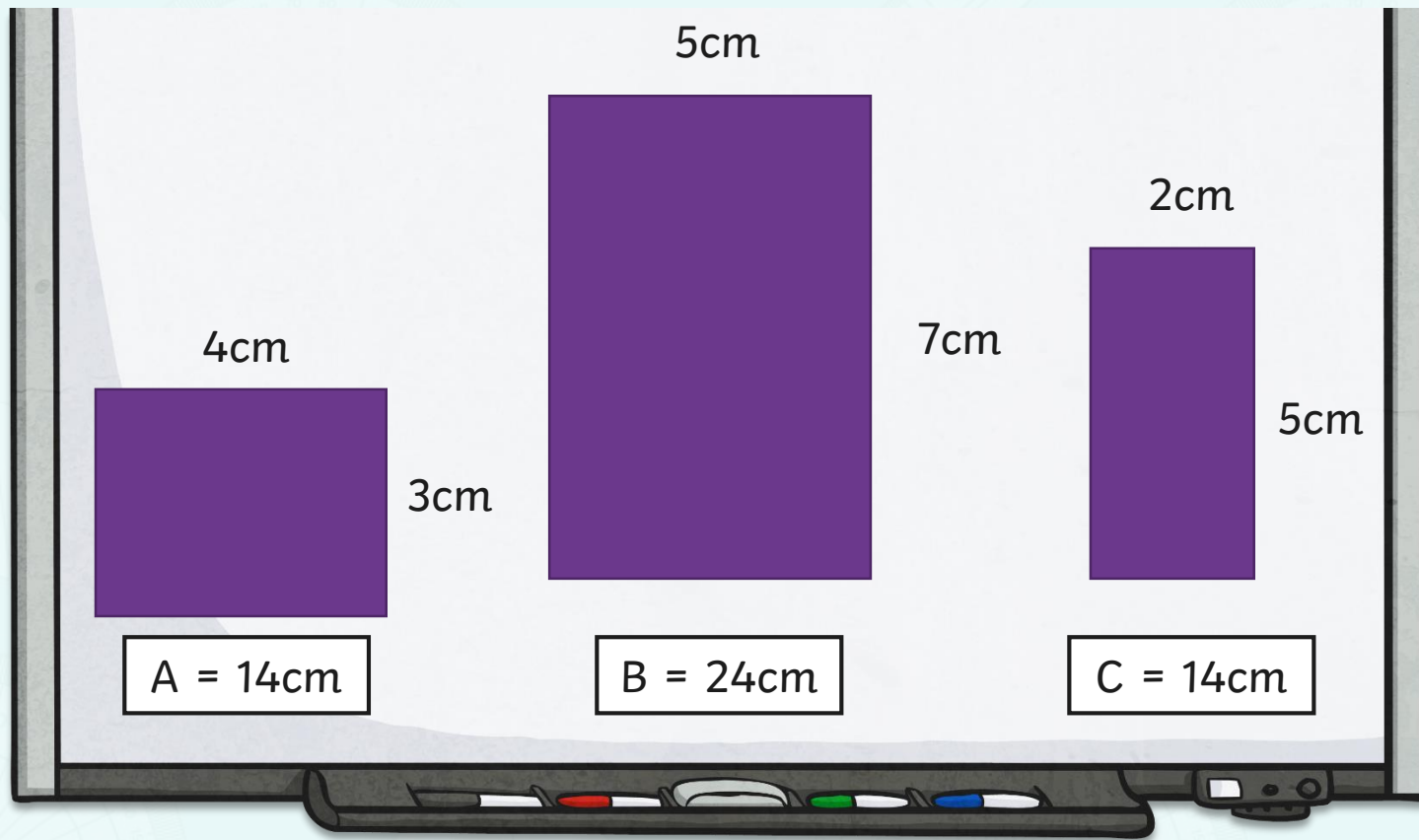
Measuring Perimeter
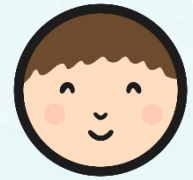
Use your measuring mastery to complete these activity sheets:

Aim

- To calculate the perimeter of a shape in centimetres.

Success Criteria

- I can measure the length of sides of rectangles and squares.
- I can add the measurements of sides together to calculate perimeter.