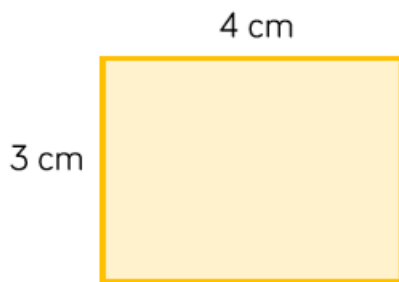<u>Can I measure perimeter? (Y3)</u>

Reasoning and problem solving

This page does not need to be printed. In your book, write the short date you do the work and the above question, underlining them neatly with a ruler.

1) Amir is measuring the shape below.
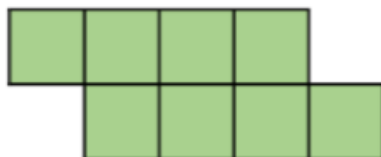He thinks the perimeter is 7 cm.

Can you spot his mistake?

4 cm

3 cm

2) Whitney is measuring the perimeter of a square.
She says she only needs to measure one side of the square.

Do you agree?
Explain your answer.

3) Here is a shape made from centimetre squares.

Find the perimeter of the shape.

Can you use 8 centimetre squares to make different shapes?
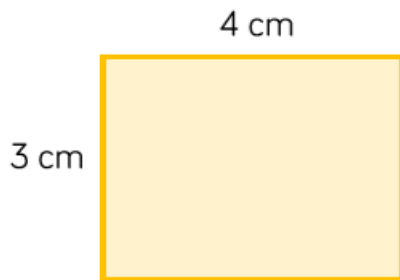
Find the perimeter of each one.

Answers are on the next page.

Amir is measuring the shape below.
He thinks the perimeter is 7 cm.

Can you spot his mistake?

4 cm

3 cm

Amir has only included two of the sides. To find the perimeter he needs all 4 sides. It should be 14 cm.
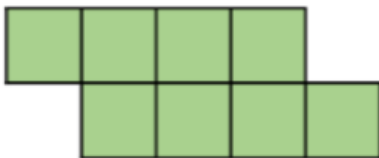
Whitney is measuring the perimeter of a square.
She says she only needs to measure one side of the square.

Do you agree?
Explain your answer.

Whitney is correct because all four sides of a square are equal in length so if she measures one side she can multiply it by 4

Here is a shape made from centimetre squares.

Find the perimeter of the shape.

The perimeter is 14 cm.

Can you use 8 centimetre squares to make different shapes?

Find the perimeter of each one.

There are various different answers depending on the shape made.