1. The length of each square on the grid is 1 cm.
   Work out the perimeter of the shapes.

   a) ![Diagram](L-shape.png)
   b) ![Diagram](U-shape.png)

   a) **22 cm**  
   b) **26 cm**

2. Work out the perimeter of the shape.

   ![Diagram](L-shape.png)

   **36 cm**

3. a) Work out the missing lengths and label them on the diagram.

   ![Diagram](L-shape.png)

   b) What is the perimeter of the shape?

   **34 cm**

4. Work out the perimeter of each shape.

   a) ![Diagram](L-shape.png)

   **36 cm**

   b) ![Diagram](L-shape.png)

   **34 cm**
5. Mo puts two 5 cm by 3 cm rectangles next to each other.

![Rectangles](image)

The perimeter of each small rectangle is 16 cm, so the perimeter of my larger rectangle must be $2 \times 16 \text{ cm} = 32 \text{ cm}$.

a) Is Mo correct? **No**

Work out the perimeter of the larger rectangle to check your answer.

b) Mo puts the rectangles together in different ways.

Work out the perimeter of each large shape.

![Perimeters](image)

6. Dani thinks there isn’t enough information to work out the perimeter of the shape.

![Path](image)

Is Dani correct? **No**

Explain your answer.

7. A rectangular flower bed is 5 m long and 3 m wide. The path around the flower bed is 1 m wide.

![Flower Bed](image)

a) What is the perimeter of the flower bed?

b) What is the perimeter of the outside of the path?