

Varied Fluency

Step 8: Measure Perimeter

National Curriculum Objectives:

Mathematics Year 3: (3M7) [Measure the perimeter of simple 2-D shapes](#)

Differentiation:

Developing Questions to support measuring the perimeter of rectangles.

Expected Questions to support measuring the perimeter of rectilinear shapes with 6 sides.

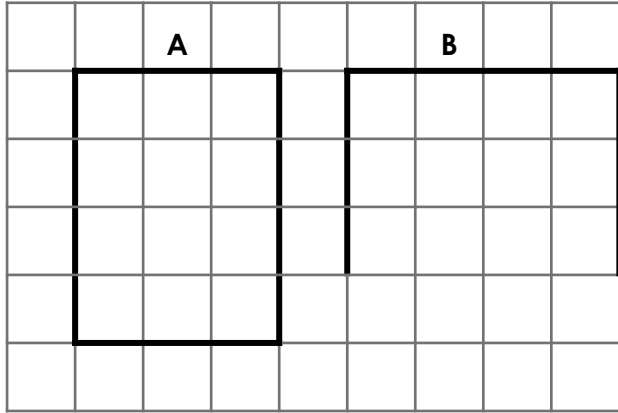
Greater Depth Questions to support measuring the perimeter of rectilinear shapes with 8 sides. Includes converting measurements (mm to cm).

More [Year 2 and Year 3 Length, Height and Perimeter](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Measure Perimeter

1a. Which shape has a complete perimeter of 14cm?

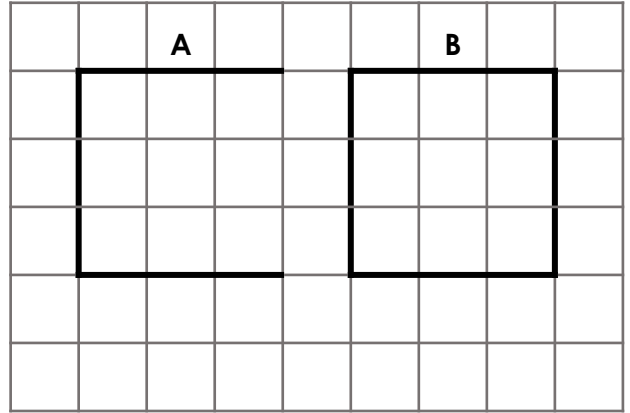


cm squares not to scale

3 VF

Measure Perimeter

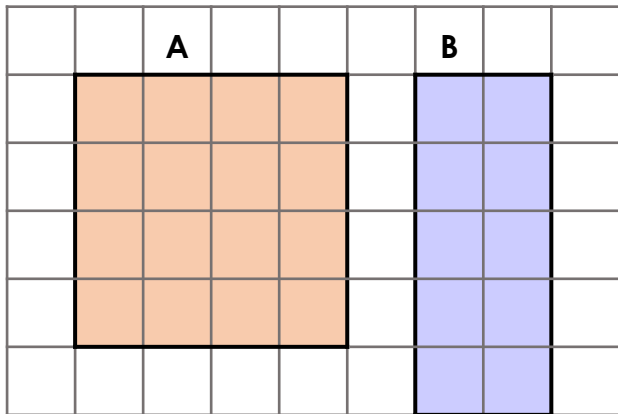
1b. Which shape has a complete perimeter of 12cm?



cm squares not to scale

3 VF

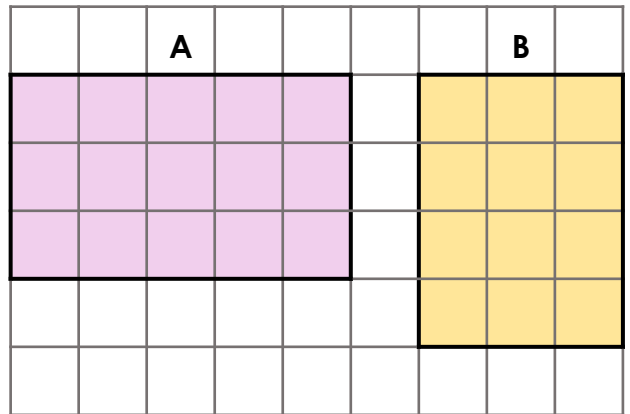
2a. Circle the shape with the longest perimeter.



cm squares not to scale

3 VF

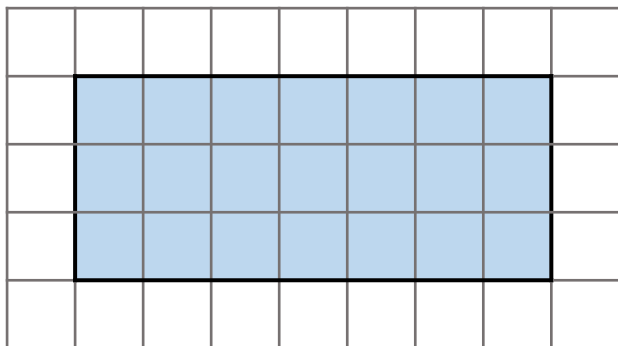
2b. Circle the shape with the shortest perimeter.



cm squares not to scale

3 VF

3a. Find the perimeter of the shape below.



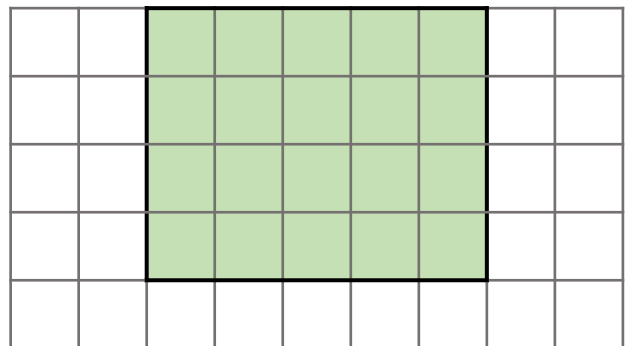
The perimeter is cm.



cm squares not to scale

3 VF

3b. Find the perimeter of the shape below.



The perimeter is cm.

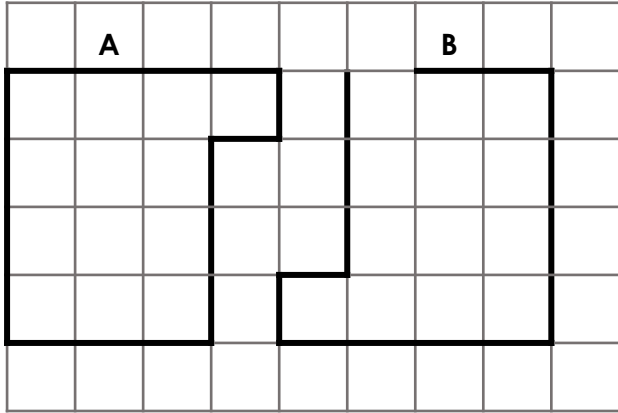


cm squares not to scale

3 VF

Measure Perimeter

4a. Which shape has a complete perimeter of 16cm?

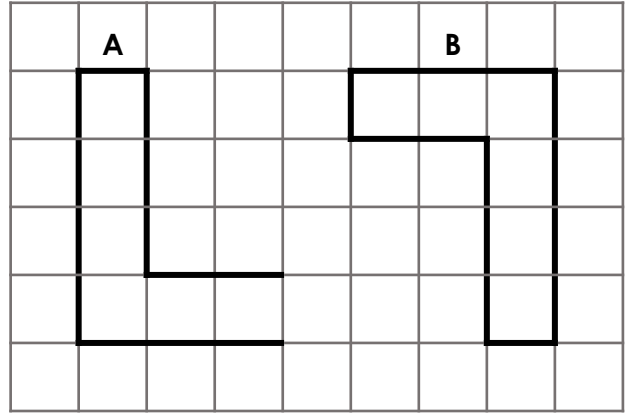


cm squares not to scale

3 VF

Measure Perimeter

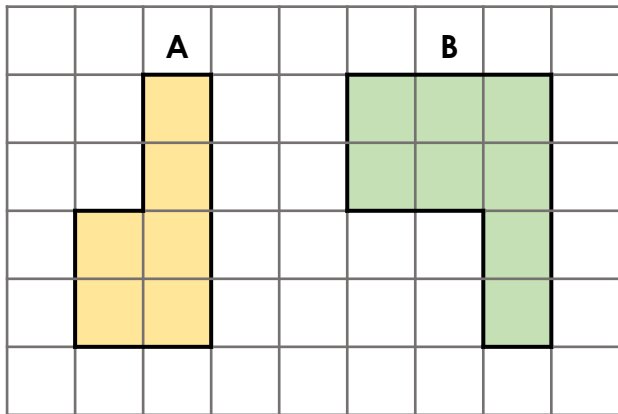
4b. Which shape has a complete perimeter of 14cm?



cm squares not to scale

3 VF

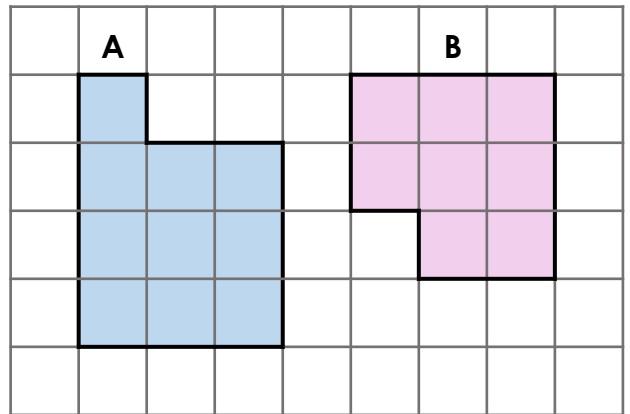
5a. Circle the shape with the longest perimeter.



cm squares not to scale

3 VF

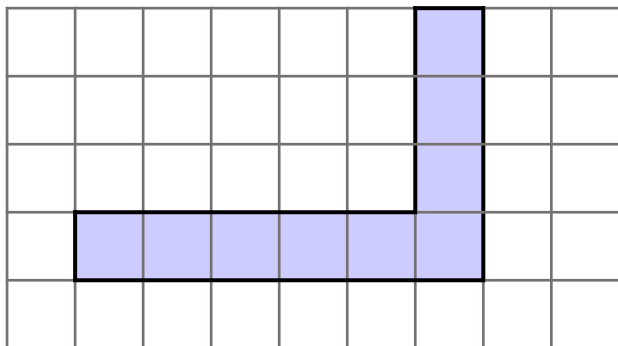
5b. Circle the shape with the shortest perimeter.



cm squares not to scale

3 VF

6a. Find the perimeter of the shape below.



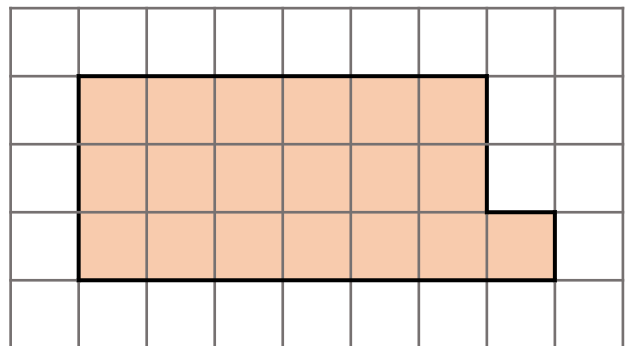
The perimeter is cm.



cm squares not to scale

3 VF

6b. Find the perimeter of the shape below.



The perimeter is cm.



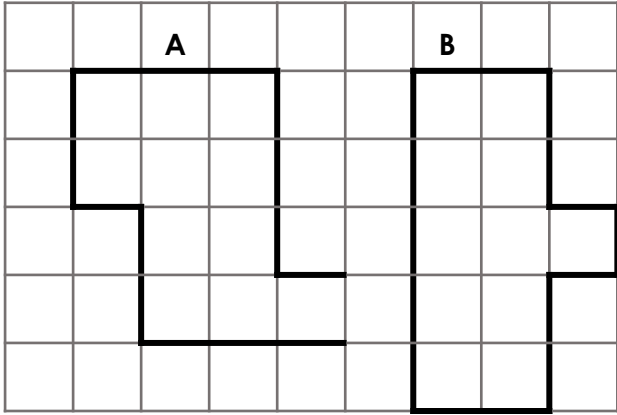
cm squares not to scale

3 VF

Measure Perimeter

Measure Perimeter

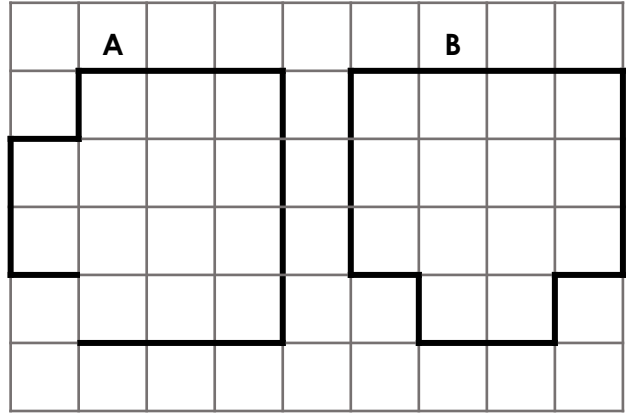
7a. Which shape has a complete perimeter of 160mm?



cm squares not to scale

3 VF

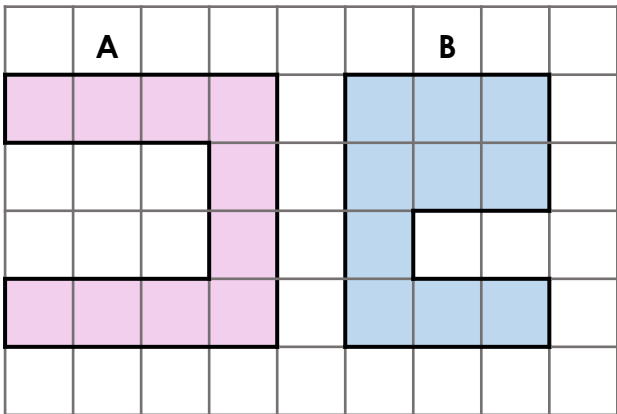
7b. Which shape has a complete perimeter of 160mm?



cm squares not to scale

3 VF

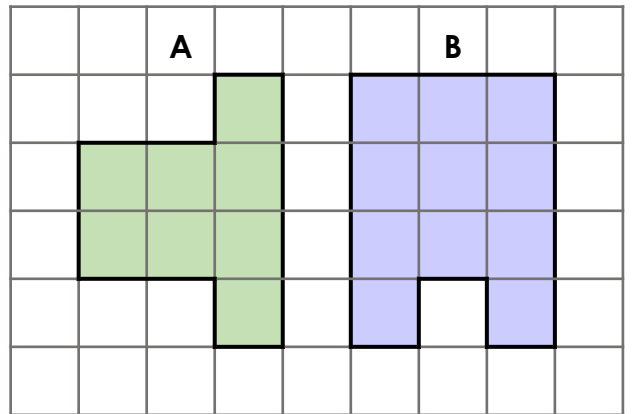
8a. Circle the shape with the longest perimeter. Write its perimeter in mm.



cm squares not to scale

3 VF

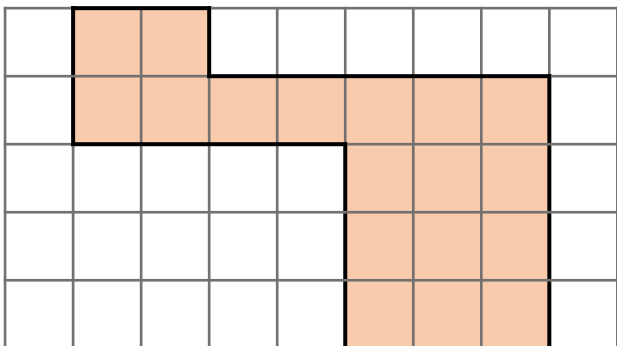
8b. Circle the shape with the shortest perimeter. Write its perimeter in mm.



cm squares not to scale

3 VF

9a. Find the perimeter of the shape below.



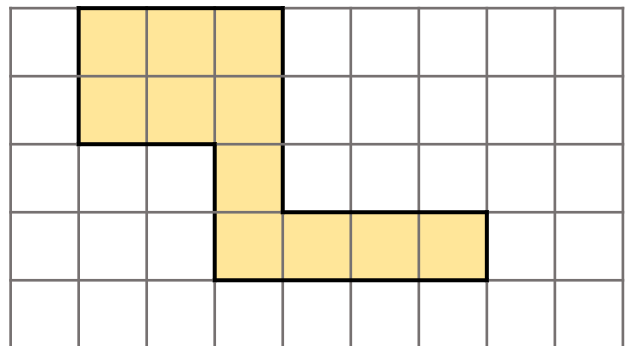
The perimeter is mm.



cm squares not to scale

3 VF

9b. Find the perimeter of the shape below.



The perimeter is mm.



cm squares not to scale

3 VF

Varied Fluency
Measure Perimeter

Developing

- 1a. **A**
2a. **A**
3a. **20**

Expected

- 4a. **A**
5a. **B**
6a. **20**

Greater Depth

- 7a. **B**
8a. **A, 220mm**
9a. **240**

Varied Fluency
Measure Perimeter

Developing

- 1b. **B**
2b. **B**
3b. **18**

Expected

- 4b. **B**
5b. **B**
6b. **20**

Greater Depth

- 7b. **B**
8b. **A, 140mm**
9b. **200**