

Varied Fluency

Step 7: Measure Perimeter

Teaching note: Please note that precise measurements are dependant upon printer settings. Please take this into consideration when checking answers. Two of the questions require children to measure, therefore children must be provided with a ruler.

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 and squares.

Expected Questions to support measuring the perimeter of rectangles and regular polygons.

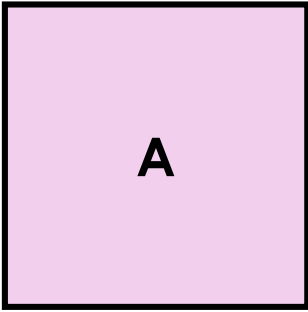
Greater Depth Questions to support measuring the perimeter of regular and irregular polygons with some conversion between mm and cm.

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

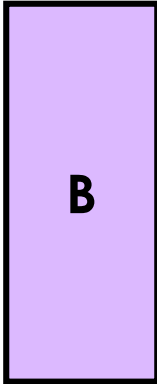
Did you like this resource? Don't forget to [review](#) it on our website.

Measure Perimeter

1a. Circle the shape with the shortest perimeter.



A



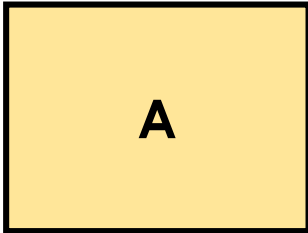
B



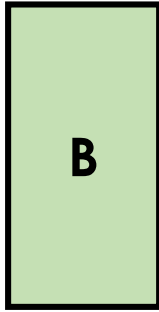
VF

Measure Perimeter

1b. Circle the shape with the longest perimeter.



A

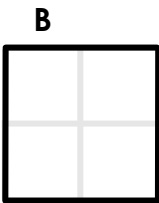
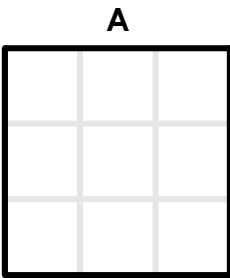


B



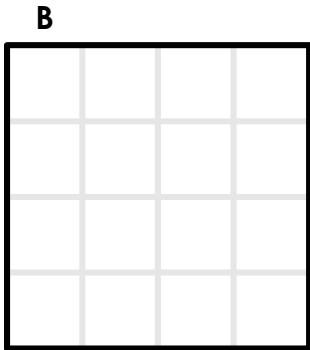
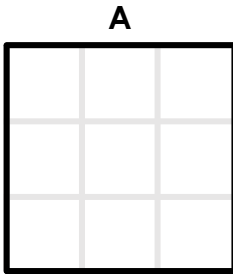
VF

2a. Which shape has a perimeter of 12cm?



VF

2b. Which shape has a perimeter of 16cm?



VF

3a. Find the perimeter of the shape below.

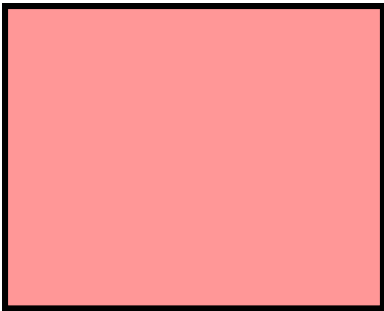


The perimeter is cm.



VF

3b. Find the perimeter of the shape below.



The perimeter is cm.

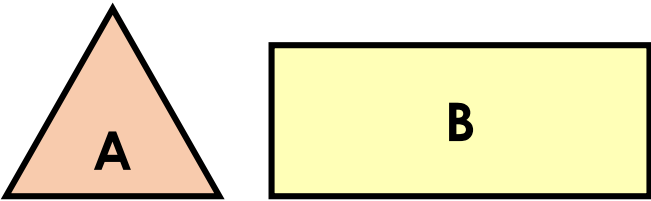


VF

Measure Perimeter

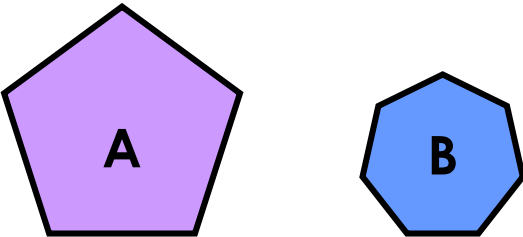
Measure Perimeter

4a. Circle the shape with the shortest perimeter.



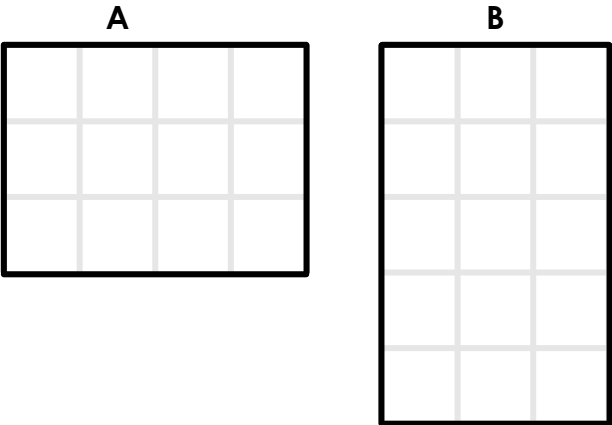
VF

4b. Circle the shape with the longest perimeter.



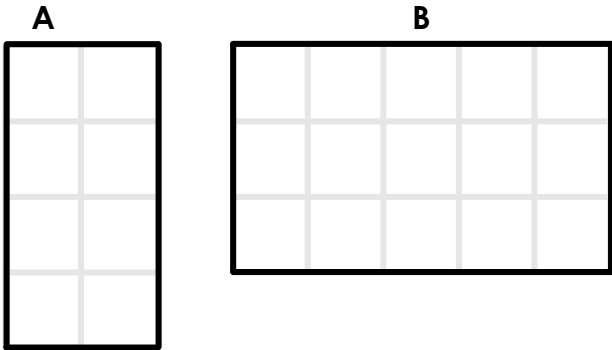
VF

5a. Which shape has a perimeter of 16cm?



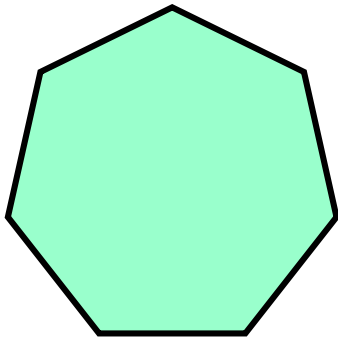
VF

5b. Which shape has a perimeter of 12cm?



VF

6a. Find the perimeter of the shape below.

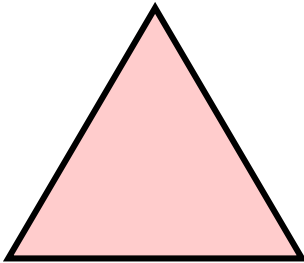


The perimeter is cm.



VF

6b. Find the perimeter of the shape below.



The perimeter is cm.

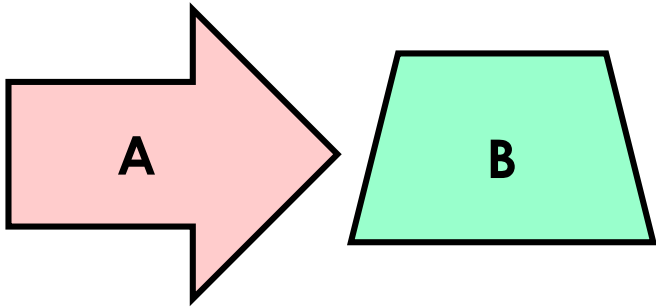


VF

Measure Perimeter

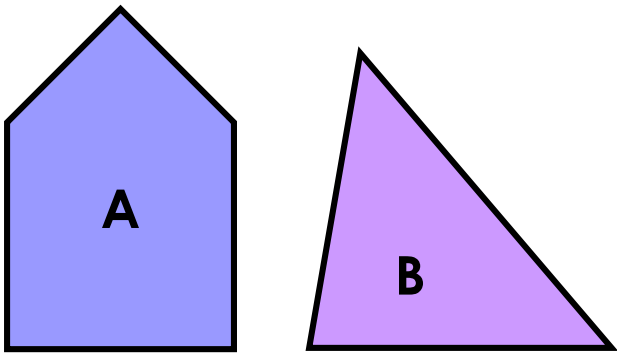
Measure Perimeter

7a. Circle the shape with the longest perimeter. Write its perimeter in mm.



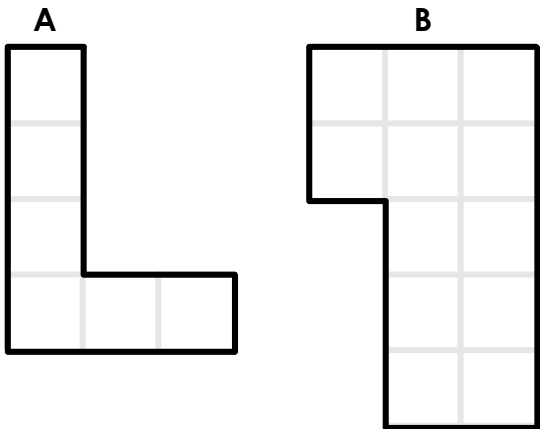
VF

7b. Circle the shape with the shortest perimeter. Write its perimeter in mm.



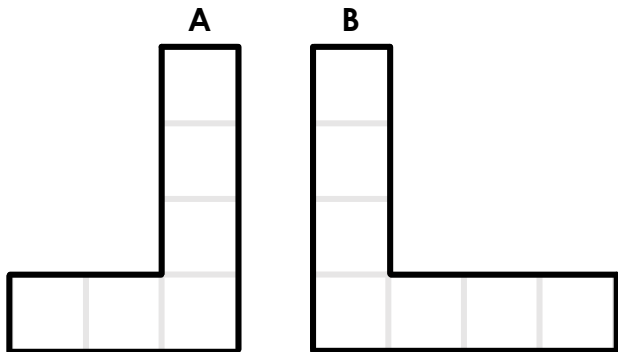
VF

8a. Which shape has a perimeter of 140mm?



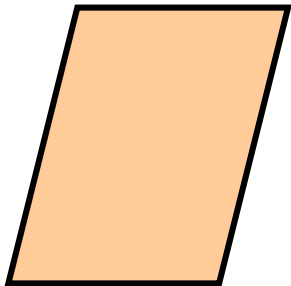
VF

8b. Which shape has a perimeter of 160mm?



VF

9a. Find the perimeter of the shape below.

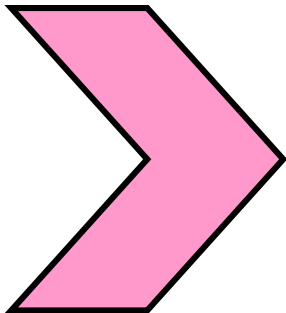


The perimeter is mm.



VF

9b. Find the perimeter of the shape below.



The perimeter is mm.



VF

Varied Fluency
Measure Perimeter

Developing

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

Expected

- 4a. **A**
5a. **B**
6a. **14cm**

Greater Depth

- 7a. **B; 144mm**
8a. **A**
9a. **134mm**

Varied Fluency
Measure Perimeter

Developing

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

Expected

- 4b. **A**
5b. **A**
6b. **12cm**

Greater Depth

- 7b. **B; 135mm**
8b. **B**
9b. **146mm**