MATHEMATICS · MEASURE

Calculating Perimeter of Regular Shapes

Year 5

Find the distance all the way around each shape.

Name _____ **Date** _____

Calculate each perimeter. Show your working and write the correct unit with every answer.

1 Rectangles and squares

Use the measurements shown.

1. Rectangle



Length **8 cm**
Width **3 cm**

Working _____
Perimeter _____

2. Square



Side length
6 cm

Working _____
Perimeter _____

3. Rectangle



Length **12 m**
Width **5 m**

Working _____
Perimeter _____

4. Square



Side length
4 m

Working _____
Perimeter _____

2 Regular polygons

All sides of each shape are equal.

5. Equilateral triangle



Each side is
7 cm

Working _____
Perimeter _____

6. Regular pentagon



Each side is
5 cm

Working _____
Perimeter _____

7. Regular hexagon



Each side is
4 m

Working _____
Perimeter _____

8. Regular octagon



Each side is
3 cm

Working _____
Perimeter _____

3 Challenge

9. Mixed units

A rectangle is **1 m** long and **35 cm** wide. Find its perimeter in centimetres.

Working _____
Perimeter _____

10. Regular heptagon

A heptagon has **7 equal sides**. Each side is **2 m**. Find its perimeter.

Working _____
Perimeter _____

Check that each perimeter includes a unit.