

# Perimeter and area problems

Decide if each problem is about perimeter or area. Circle it, solve, and write the units.

**Perimeter** is the distance around a shape. Add all the sides. For a rectangle:  $2 \times (\text{length} + \text{width})$ .

**Area** is the space inside a shape. For a rectangle:  $\text{length} \times \text{width}$ . Write it in square units.

1. A family in Oaxaca, Mexico, grows marigolds for the Day of the Dead in a bed 6 m long and 4 m wide. How much fencing is needed to go all the way around it?

This problem is about: ☐ perimeter ☐ area

Answer: \_\_\_\_\_

3. A picture frame is 30 cm long and 20 cm wide. Ribbon goes around the outside edge. How long is the ribbon?

This problem is about: ☐ perimeter ☐ area

Answer: \_\_\_\_\_

5. A square patio stone has sides that are 50 cm long. What is the perimeter of the stone?

This problem is about: ☐ perimeter ☐ area

Answer: \_\_\_\_\_

7. Callum's family grows vegetables on an allotment, a rented garden plot, in Leeds, England. The plot has an area of 48 square metres. It is 8 m long. How wide is it?

This problem is about: ☐ perimeter ☐ area

Answer: \_\_\_\_\_

2. A classroom rug is 3 m long and 2 m wide. How much floor does the rug cover?

This problem is about: ☐ perimeter ☐ area

Answer: \_\_\_\_\_

4. The outdoor skating rink at a school in Saskatoon is 30 m long and 15 m wide. What is the area of the ice?

This problem is about: ☐ perimeter ☐ area

Answer: \_\_\_\_\_

6. Olamide covers a floor that is 5 m long and 4 m wide with square tiles that are 1 m on each side. How many tiles does he need?

This problem is about: ☐ perimeter ☐ area

Answer: \_\_\_\_\_

8. A rectangle has a perimeter of 30 cm. Its length is 9 cm. What is its width?

This problem is about: ☐ perimeter ☐ area

Answer: \_\_\_\_\_