Perimeter of a Square

MathApex

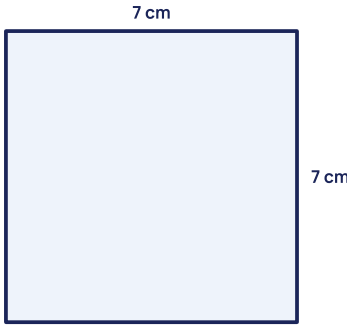
Name: _____ Date: _____

Watch video

From the video Square with 5 cm sides → **4 × 5 = 20 cm**

1 Now it's your turn!

A square has 7 cm sides. What is the perimeter?



All four sides have the same length.

4 × ☐ = ☐ cm

2 Perimeter of the rectangle.

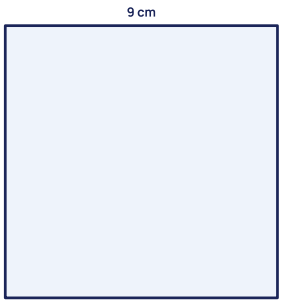
The rectangle is 5 cm long and 2 cm wide.



☐ + ☐ + ☐ + ☐ = ☐ cm

3 Perimeter of the square.

A square has sides of 9 cm. What is its perimeter?



4 × ☐ = ☐ cm

4 Triangles.

a) An equilateral triangle has three sides of 6 cm each. Perimeter?

3 × ☐ = ☐ cm

b) A triangle has sides of 6 cm, 8 cm and 10 cm. Perimeter?

☐ + ☐ + ☐ = ☐ cm

5 Think backwards.

A rectangle has a perimeter of **24 cm** and is 7 cm long. How wide is it?

24 − 7 − 7 = ☐ cm

☐ ÷ 2 = ☐ cm

Brain teaser

A rectangle has a perimeter of 18 cm and is twice as long as it is wide. How long and how wide is it?

_____

_____

6 Draw a rectangle with a perimeter of 14 cm on the grid. There are several solutions.

MathApex

MATH STORY 55 · ANSWERS

Perimeter of a Square

Watch video

1 Now it's your turn!

4 × 7 = 28 cm

2 Perimeter of the rectangle.

5 + 2 + 5 + 2 = 14 cm

3 Perimeter of the square.

4 × 9 = 36 cm

4 Triangles.

3 × 6 = 18 cm
6 + 8 + 10 = 24 cm

5 Think backwards.

24 − 7 − 7 = 10, 10 ÷ 2 = 5 cm

★ Brain teaser

Width 3 cm, length 6 cm. Check: **6 + 3 + 6 + 3 = 18 cm**.

Perimeter = 6 times the width, so width = perimeter ÷ 6.

6 Rectangles with a perimeter of 14 cm.

1 cm and 6 cm **2 cm and 5 cm** **3 cm and 4 cm**

Length + width must always make 7 cm.

For parents and teachers: This worksheet goes with the video "Perimeter of a Square" (Math Story 55, Grade 4). Perimeter means once around the outside. For a rectangle: two lengths and two widths, for a square: four equal sides.

More Math Stories with video and worksheet: **www.mathapex.app/en/math-stories/**