Perimeter of a Rectangle

MathApex

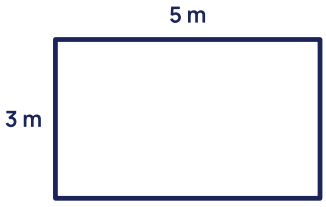
Name: _____ Date: _____

Watch video

From the video 4 m long, 2 m wide → **4 + 2 + 4 + 2 = 12 m**

1 Now it's your turn!

A bed is 5 m long and 3 m wide. What is the perimeter?



Walk once around the bed: all four sides together.

☐ + ☐ + ☐ + ☐ = ☐ m

2 Perimeter of the rectangle.

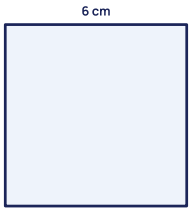
The rectangle is 9 cm long and 4 cm wide.



☐ + ☐ + ☐ + ☐ = ☐ cm

3 Perimeter of the square.

A square has sides of 6 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 5 cm, 5 cm and 8 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 30 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.

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MATH STORY 53 · ANSWERS

Perimeter of a Rectangle

Watch video

1 Now it's your turn!

5 + 3 + 5 + 3 = 16 m

Or: 2 × 5 + 2 × 3 = 16 m.

2 Perimeter of the rectangle.

9 + 4 + 9 + 4 = 26 cm

3 Perimeter of the square.

4 × 6 = 24 cm

4 Triangles.

3 × 6 = 18 cm

5 + 5 + 8 = 18 cm

5 Think backwards.

24 − 7 − 7 = 10, 10 ÷ 2 = 5 cm

★ Brain teaser

Width 5 cm, length 10 cm. Check: **10 + 5 + 10 + 5 = 30 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 Rectangle" (Math Story 53, 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/**