Area

MathApex

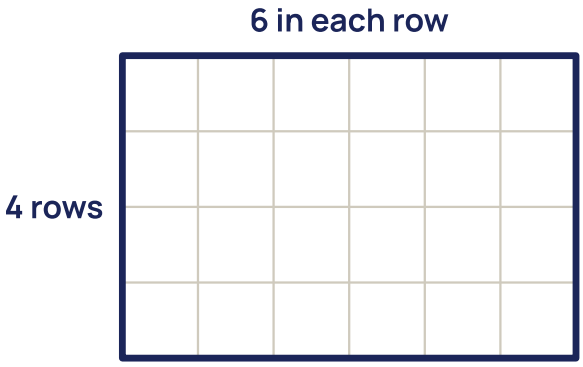
Name: _____ Date: _____

Watch video

From the video 3 rows of 5 squares each → **5 × 3 = 15 squares**

1 Now it's your turn!

4 rows of 6 squares: what is the area?

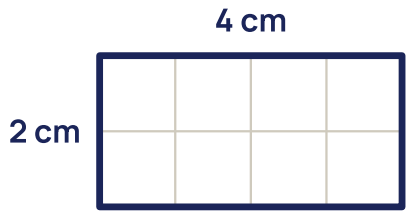


Count the squares or calculate rows times columns.

☐ × ☐ = ☐ squares

2 Calculate the area.

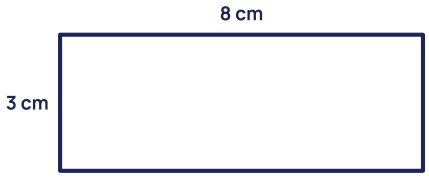
A rectangle is 4 cm long and 2 cm wide.



☐ × ☐ = ☐ cm²

3 Without squares.

There are no squares to help you now. Calculate with the side lengths.



☐ × ☐ = ☐ cm²

4 Words only.

a) A rectangle is 8 cm long and 4 cm wide. What is the area?

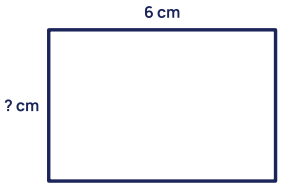
☐ × ☐ = ☐ cm²

b) A square has a side length of 5 cm. What is its area?

☐ × ☐ = ☐ cm²

5 Think backwards.

The rectangle has an area of **24 cm²** and is 6 cm long. How wide is it?



24 ÷ 6 = ☐ cm

Brain teaser

A rectangle is twice as long as it is wide. It is 3 cm wide. What is its area?

6 Draw two different rectangles with an area of 16 cm² each.

Write the calculation next to them.

MathApex

MATH STORY 54 · ANSWERS

Area

Watch video

1 Now it's your turn!

4 × 6 = 24 squares

4 rows of 6 squares each.

2 Calculate the area.

4 × 2 = 8 cm²

3 Without squares.

8 × 3 = 24 cm²

4 Words only.

8 × 4 = 32 cm²

5 × 5 = 25 cm²

5 Think backwards.

24 ÷ 6 = 4 cm

Check: 6 × 4 = 24 cm²

★ Brain teaser

6 × 3 = 18 cm²

Length 6 cm, width 3 cm.

6 Rectangles with 16 cm².

16 × 1 = 16 cm² 8 × 2 = 16 cm² 4 × 4 = 16 cm²

For parents and teachers: This worksheet goes with the video "Area" (Math Story 54, Grade 4). The rectangles with squares are printed at actual size: 1 square = 1 cm². Children may count first and then calculate.

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