LESSON MAKER PRO

Around the Edge

Find perimeter in shapes and real places.

GRADE 3 · 3.MG.2.b.i

3.MG.2.b.i "Solve problems, including those in context, involving perimeter: describe and give examples of perimeter as a measurement in contextual situations;"

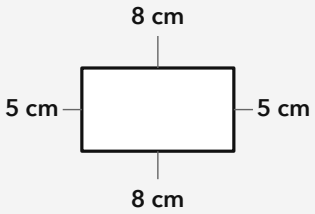
NAME _____ DATE _____

MEASURE THE OUTSIDE

Perimeter is the distance all the way around the outside of a shape. Add the lengths of every side, using the same unit. Perimeter can tell how much fencing, ribbon, or border is needed.

WORKED EXAMPLE

Find the perimeter of the rectangle.

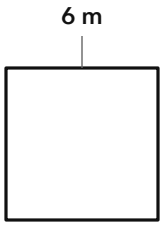


1. Add one length and one width: 8 cm + 5 cm = 13 cm.
2. A rectangle has two lengths and two widths.
3. Add all four sides: 8 cm + 5 cm + 8 cm + 5 cm = 26 cm.

Answer: 26 cm

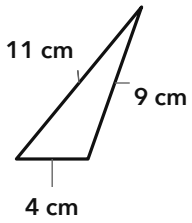
PRACTICE 6 problems

1 Find the perimeter of the square.



ANSWER _____

2 Find the perimeter of the triangle.



ANSWER _____

3 A rectangle is 12 cm long and 2 cm wide. What is its perimeter?

ANSWER _____

4 A garden has two sides that are 10 m long and two sides that are 6 m long. What is the garden's perimeter?

ANSWER _____

5 A picture frame is a rectangle with a length of 13 cm and a width of 4 cm. What is its perimeter?

ANSWER _____

6 A square has a perimeter of 36 cm. How long is each side?

ANSWER _____

APPLY IT Show your work

1 Jada is putting a fence around her rectangular puppy play area. It is 14 m long and 9 m wide. How many meters of fence does she need?

WORK SPACE

ANSWER _____

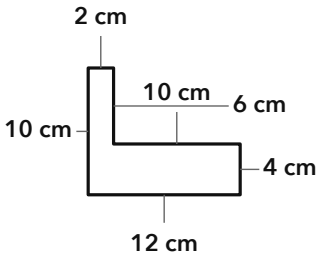
2 A class is placing ribbon around the edge of a rectangular poster for a book fair. The poster is 16 in. long and 4 in. wide. How many inches of ribbon are needed?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Find the perimeter of the L-shaped patio. Then explain how you found it.



WORK SPACE AND ANSWER

ANSWER KEY

Around the Edge

GRADE 3 · 3.MG.2.b.i

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find the perimeter of the square.	**24 m**
2	Find the perimeter of the triangle.	**24 cm**
3	A rectangle is 12 cm long and 2 cm wide. What is its perimeter?	**28 cm**
4	A garden has two sides that are 10 m long and two sides that are 6 m long. What is the garden's perimeter?	**32 m**
5	A picture frame is a rectangle with a length of 13 cm and a width of 4 cm. What is its perimeter?	**34 cm**
6	A square has a perimeter of 36 cm. How long is each side?	**9 cm**

PART 2 · APPLY IT

1. **46 m** Add all four sides: 14 + 9 + 14 + 9 = 46. Jada needs 46 m of fence.
2. **40 in.** Add the four outside sides: 16 + 4 + 16 + 4 = 40. The class needs 40 in. of ribbon.

CHALLENGE

44 cm. I added all six outside sides: 12 + 4 + 10 + 6 + 2 + 10 = 44.

Accept correct perimeter answers with or without the unit when the unit is clear. For the challenge, accept 44 cm and any accurate explanation that adds the six outside side lengths.