

Perimeter Path

Add the lengths around each shape.

GRADE 2 • MA.2.GR.2

MA.2.GR.2 "Describe perimeter and find the perimeter of polygons."

NAME _____

DATE _____

AROUND THE OUTSIDE

Perimeter is the distance around the outside of a shape. Add the length of every side one time. For a rectangle, count both long sides and both short sides.

WORKED EXAMPLE

A game card is a rectangle. It is 3 cm long and 5 cm wide. What is its perimeter?

1. Write all four sides: 3 cm, 5 cm, 3 cm, 5 cm.
2. Add: $3 + 5 + 3 + 5 = 16$.
3. The perimeter is 16 cm.

Answer: 16 cm

PRACTICE 5 problems

- 1** A square puppy picture has sides that are 2 inches long. What is its perimeter?

ANSWER _____

- 2** A triangular snack flag has side lengths of 4 cm, 6 cm, and 4 cm. What is its perimeter?

ANSWER _____

- 3** A toy train ticket is a rectangle. It is 7 cm long and 2 cm wide. What is its perimeter?

ANSWER _____

- 4** A five-sided badge has sides that are each 2 cm long. What is its perimeter?

ANSWER _____

- 5** A square sticker has sides that are 6 cm long. What is its perimeter?

ANSWER _____

APPLY IT Show your work

- 1** Mia puts ribbon around a rectangular poster that is 8 inches long and 4 inches wide. How many inches of ribbon does she need?

WORK SPACE

ANSWER _____

- 2** Kai makes a triangular kite with sides that are 7 cm, 7 cm, and 4 cm long. What is the perimeter of the kite?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A robot race track has six straight sides. The side lengths are 1 cm, 4 cm, 2 cm, 6 cm, 7 cm, and 8 cm. What is its perimeter?

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A square puppy picture has sides that are 2 inches long. What is its perimeter?	8 inches
2	A triangular snack flag has side lengths of 4 cm, 6 cm, and 4 cm. What is its perimeter?	14 cm
3	A toy train ticket is a rectangle. It is 7 cm long and 2 cm wide. What is its perimeter?	18 cm
4	A five-sided badge has sides that are each 2 cm long. What is its perimeter?	10 cm
5	A square sticker has sides that are 6 cm long. What is its perimeter?	24 cm

PART 2 • APPLY IT

1. **24 inches** Add all four sides: $8 + 4 + 8 + 4 = 24$.
2. **18 cm** Add the three side lengths: $7 + 7 + 4 = 18$.

CHALLENGE

28 cm

Accept totals found by adding every outside side once. Require the correct unit when the problem gives units.