



Geometry

Grade 3

Perimeter

Measuring all the way around, in inches and feet, with real classroom examples.

WHAT'S INSIDE

- 10 exercises with space to write
- Full answer key on the last page
- US Letter, black and white, one page per section



Name: _____

Date: _____

Remember

The perimeter is the distance all the way around the outside of a shape. You find it by adding the lengths of every side. Perimeter is measured in units of length, such as inches or feet, not square units.

1. Find the perimeter of a triangle with sides of 3 in, 4 in and 5 in.

2. A square has sides of 6 in. What is its perimeter?

3. A rectangle is 8 ft long and 3 ft wide. What is its perimeter?

4. Find the perimeter of a regular pentagon with 5-inch sides.

5. A rectangle has a perimeter of 20 in and is 6 in long. How wide is it?

6. A picture frame is 10 in by 12 in. How much wood goes around it?

7. Which has the greater perimeter: a square with 5-in sides or a rectangle 7 in by 3 in?

8. A garden is a square with a perimeter of 36 ft. How long is each side?



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9. You walk around a rectangular playground twice. It is 30 yd by 20 yd. How far did you walk?

10. Explain in one sentence why perimeter is measured in inches and not square inches.



Perimeter

1. $3 + 4 + 5 = 12$ inches.
2. $4 \times 6 = 24$ inches.
3. $2 \times (8 + 3) = 22$ feet.
4. $5 \times 5 = 25$ inches.
5. $20 - 12 = 8$, and $8 \div 2 = 4$ inches wide.
6. $2 \times (10 + 12) = 44$ inches.
7. The square: 20 inches against 20 inches. They are equal.
8. $36 \div 4 = 9$ feet.
9. The perimeter is 100 yd, so twice around is 200 yards.
10. Because perimeter is a length — a distance along the edge — not an amount of surface.