Same Perimeter or Same Area

FLORIDA GRADE 4 MATH | B.E.S.T. BENCHMARK MA.4.GR.2.2 | STUDENT WORKSHEET

Name: _____ **Date:** _____

Directions: Solve each problem. Show your work in the space provided.

1. Two rectangles each have an area of 36 square feet: 9 ft by 4 ft and 6 ft by 6 ft. Which has the smaller perimeter?

2. List all the rectangles with whole-number sides and a perimeter of 16 units.

3. Which rectangle from problem 2 has the greatest area?

4. A rectangle is 10 meters by 2 meters. Name a different rectangle with the same area but a different perimeter.

5. Jon has 40 feet of fence. Which pen gives his dog more space: 15 ft by 5 ft or 10 ft by 10 ft?

More free Grade 4 worksheets

Worked examples and a free worksheet for every Grade 4 benchmark, plus plain-language guides to Florida math for parents.

Scan for all Grade 4 worksheets → fastchomp.app

Same Perimeter or Same Area

FLORIDA GRADE 4 MATH | B.E.S.T. BENCHMARK MA.4.GR.2.2 | ANSWER KEY

Answer Key

1. 6 ft by 6 ft

Perimeters: 26 feet and 24 feet.

2. 1 by 7, 2 by 6, 3 by 5, 4 by 4

3. 4 by 4

4 × 4 = 16 square units

4. 5 meters by 4 meters

Both have an area of 20 square meters; the perimeters are 24 meters and 18 meters.

5. 10 ft by 10 ft

15 × 5 = 75 square feet; 10 × 10 = 100 square feet

More free Grade 4 worksheets

Worked examples and a free worksheet for every Grade 4 benchmark, plus plain-language guides to Florida math for parents.

Scan for all Grade 4 worksheets → fastchomp.app