Perimeter Word Problems

Grade 3 Math Worksheet - Challenge Me

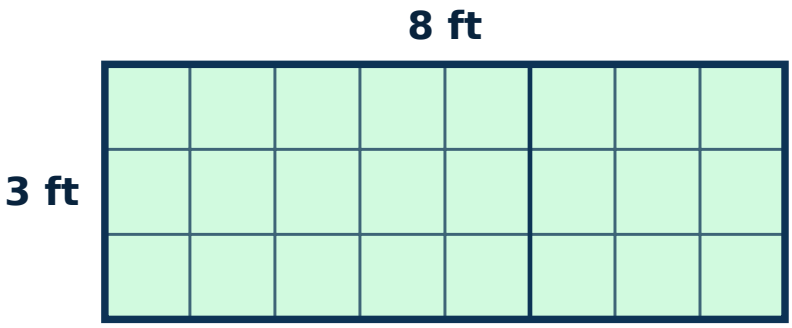
Name _____ Date _____

Circle the answer.

1. Each of these rectangles has a perimeter of 24 cm. Which one has the greatest area?

   8 cm by 4 cm 9 cm by 3 cm 10 cm by 2 cm 6 cm by 6 cm

2. Lisa draws a new rectangle with the same perimeter as this one. One side is 5 feet. How long is the other side?



   6 feet 3 feet 17 feet 12 feet

3. Two gardens each have a perimeter of 16 feet. One is 4 by 4 feet. The other is 6 by 2 feet. Which has more area?

   The 6 by 2 garden, by 4 square feet

   They have the same area

   The 4 by 4 garden, by 2 square feet

   The 4 by 4 garden, by 4 square feet

4. A square patio has an area of 36 square feet. What is its perimeter?

   36 feet 9 feet 24 feet 12 feet

5. Mia frames two photos. Each photo is 5 inches by 7 inches. How much ribbon does she need for both?

   70 inches 24 inches 48 inches 38 inches

6. Lee has 40 feet of fence. His garden is 9 feet long and 6 feet wide. How much fence is left after he fences it?

   30 feet 10 feet 25 feet 16 feet

7. A pen is 8 meters long and 5 meters wide. One long side is a barn wall, so it needs no fence. How much fence is needed?

13 meters 18 meters 26 meters 21 meters

8. Compare a 5 by 3 rectangle and a 4 by 4 square. Which statement is true?

The rectangle has more area and perimeter

Same perimeter, but the square has more area

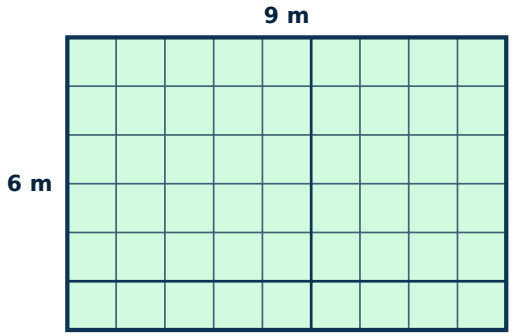
Same area, but the rectangle has more perimeter

Same perimeter and the same area

9. Each long side of a rectangle is 3 times as long as a short side. A short side is 4 cm. What is the perimeter?

32 cm 16 cm 48 cm 28 cm

10. A path goes around the edge of this field. Ty runs around it two times. How far does he run?



108 meters 30 meters 54 meters 60 meters

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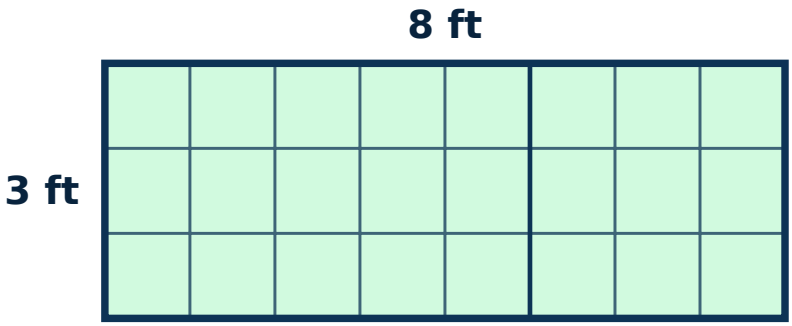
Answer Key - Grade 3 Math Worksheet - Challenge Me

Circle the answer.

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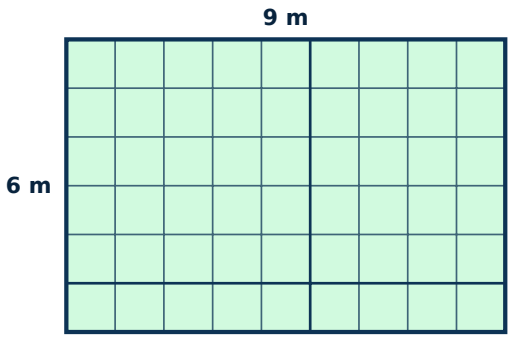
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