Perimeter Word Problems

Grade 3 Math Worksheet - Challenge Me

PencilGo

Name _____ Date _____

Circle the answer, or write the answer on the line.

1. A square card has an area of 49 square cm. How many cm of ribbon go around its edge?

   _____

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

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

3. A rectangle has a perimeter of 30 meters. Its length is 9 meters. What is its width?

   6 meters 12 meters 15 meters 21 meters

4. A square garden has a perimeter of 36 feet. How long is each side?

   18 feet 12 feet 32 feet 9 feet

5. 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 4 by 4 garden, by 2 square feet

   They have the same area

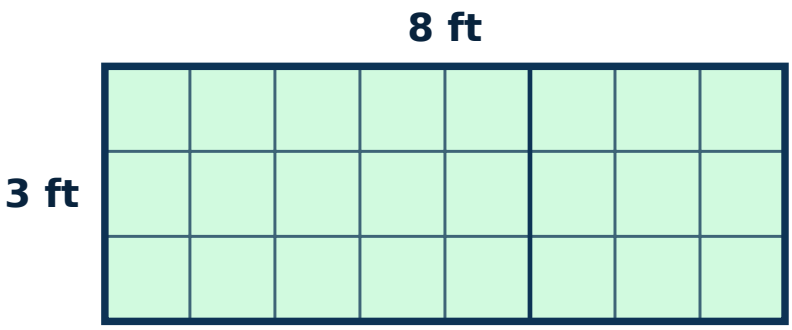
   The 4 by 4 garden, by 4 square feet

   The 6 by 2 garden, by 4 square feet

6. 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?

   28 cm 32 cm 48 cm 16 cm

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



12 feet 3 feet 17 feet 6 feet

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

Same area, but the rectangle has more perimeter

Same perimeter, but the square has more area

Same perimeter and the same area

The rectangle has more area and perimeter

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

38 inches 24 inches 70 inches 48 inches

10. 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?

10 feet 25 feet 30 feet 16 feet

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Answer Key - Grade 3 Math Worksheet - Challenge Me

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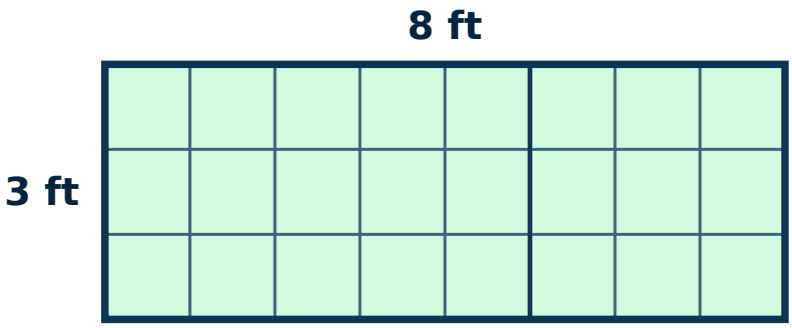
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