Perimeter Word Problems

Grade 3 Math Worksheet - Challenge Me

Name _____ Date _____

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

1. 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

   The 6 by 2 garden, by 4 square feet

   They have the same area

   The 4 by 4 garden, by 4 square feet

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

   32 feet 18 feet 9 feet 12 feet

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

   _____

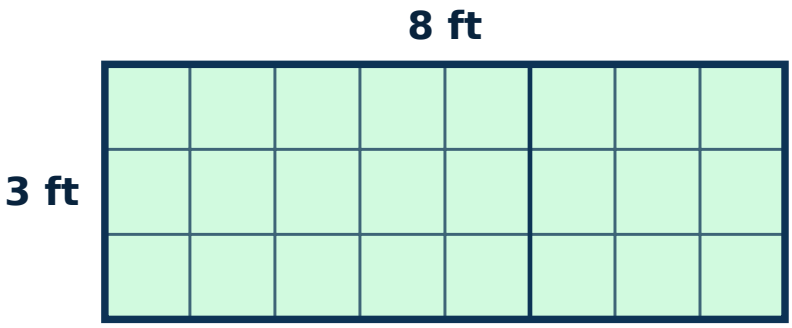
4. Lee has 40 feet of fence. His garden is 9 feet long and 6 feet wide. How much fence is left after he fences it?

   30 feet 16 feet 25 feet 10 feet

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

   15 meters 21 meters 6 meters 12 meters

6. 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

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

24 feet 12 feet 9 feet 36 feet

8. 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?

18 meters 21 meters 26 meters 13 meters

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

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

10. A rectangle has a perimeter of 18 cm. One side is 5 cm. What is its area?

45 square cm 18 square cm 25 square cm 20 square cm

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Answer Key - Grade 3 Math Worksheet - Challenge Me

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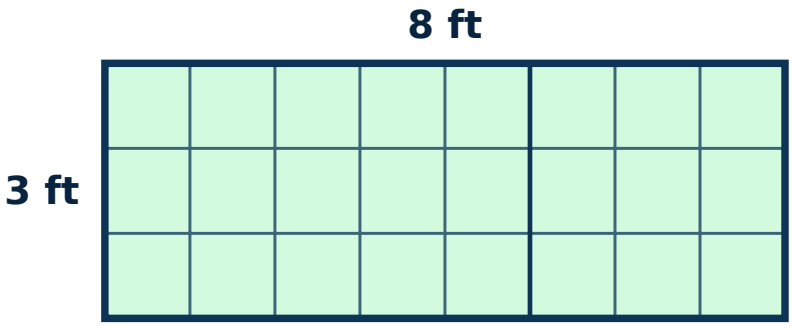
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