Perimeter Word Problems

Grade 3 Math Worksheet - Challenge Me

Name _____ Date _____

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

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

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

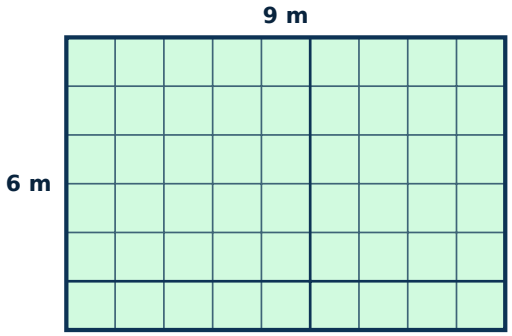
2. A square garden has a perimeter of 36 feet. How long is each side?

   32 feet 18 feet 12 feet 9 feet

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

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

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



   60 meters 108 meters 54 meters 30 meters

5. 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?

   26 meters 13 meters 18 meters 21 meters

6. 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 and the same area

   The rectangle has more area and perimeter

   Same perimeter, but the square has more area

7. 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?

48 cm 32 cm 28 cm 16 cm

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

_____

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

70 inches 38 inches 24 inches 48 inches

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

36 feet 24 feet 9 feet 12 feet

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Perimeter Word Problems

Answer Key - Grade 3 Math Worksheet - Challenge Me

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

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

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

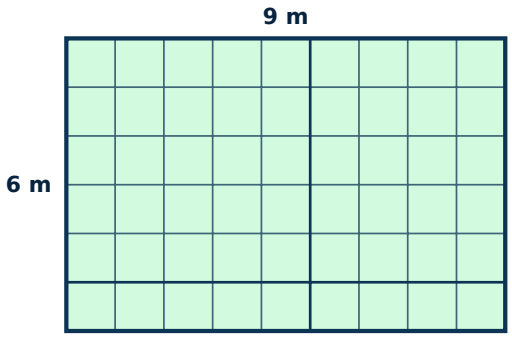
2. A square garden has a perimeter of 36 feet. How long is each side?

   32 feet 18 feet 12 feet **9 feet**

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

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

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



   60 meters 108 meters 54 meters 30 meters

5. 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?

   26 meters 13 meters **18 meters** 21 meters

6. 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 and the same area

   The rectangle has more area and perimeter

   Same perimeter, but the square has more area

7. 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?

48 cm | 32 cm | 28 cm | 16 cm

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

28

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

70 inches | 38 inches | 24 inches | 48 inches

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

36 feet | 24 feet | 9 feet | 12 feet