

Perimeter Story Problems

Name: _____

Grade 3 · Find the perimeter, or use the perimeter to find a side

Read each story. Draw the shape and label its sides. Show your work, then write the answer with its unit.

1. A garden is a rectangle 9 meters long and 6 meters wide. How much fence does it take to go all the way around the garden?

Answer: _____

2. A square picture frame has sides 8 inches long. How much ribbon is needed to go around the edge of the frame?

Answer: _____

3. A flag is a triangle. Two sides are each 12 centimeters long and the third side is 10 centimeters long. What is the perimeter of the flag?

Answer: _____

4. A rectangular sandbox has a perimeter of 26 feet. It is 8 feet long. How wide is the sandbox?

Answer: _____

5. A park is a rectangle 50 meters long and 30 meters wide. Mia walks all the way around the park 2 times. How far does she walk?

Answer: _____

6. A square table has a perimeter of 24 feet. How long is each side of the table?

Answer: _____

Perimeter Story Problems (Answer Key)

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Read each story. Draw the shape and label its sides. Show your work, then write the answer with its unit.

1. A garden is a rectangle 9 meters long and 6 meters wide. How much fence does it take to go all the way around the garden?

$$9 + 6 + 9 + 6 = 30$$

Answer: 30 meters

2. A square picture frame has sides 8 inches long. How much ribbon is needed to go around the edge of the frame?

$$8 + 8 + 8 + 8 = 32$$

Answer: 32 inches

3. A flag is a triangle. Two sides are each 12 centimeters long and the third side is 10 centimeters long. What is the perimeter of the flag?

$$12 + 12 + 10 = 34$$

Answer: 34 centimeters

4. A rectangular sandbox has a perimeter of 26 feet. It is 8 feet long. How wide is the sandbox?

$$26 - 8 - 8 = 10, 10 \div 2 = 5$$

Answer: 5 feet

5. A park is a rectangle 50 meters long and 30 meters wide. Mia walks all the way around the park 2 times. How far does she walk?

$$50 + 30 + 50 + 30 = 160, 160 + 160 = 320$$

Answer: 320 meters

6. A square table has a perimeter of 24 feet. How long is each side of the table?

$$24 \div 4 = 6$$

Answer: 6 feet