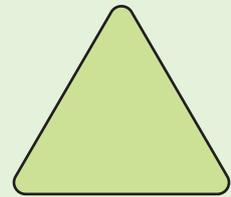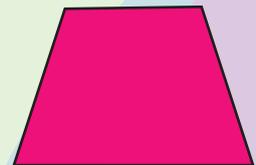# Find Missing Side When Given Perimeter Word Problems

1. A rectangular garden has a perimeter of 64 meters. The length of the garden is 20 meters. What is the width of the garden?
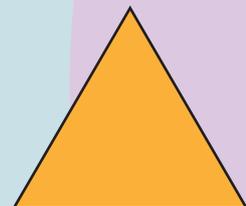
2. A triangle has a perimeter of 36 centimeters. One side measures 12 centimeters, and another side measures 14 centimeters. What is the length of the third side?
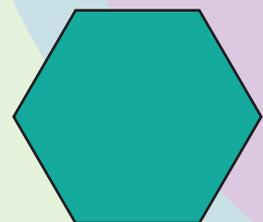
3. A trapezoid has a perimeter of 72 feet. The lengths of the two parallel sides are 14 feet and 20 feet. If the height of the trapezoid is 8 feet, what is the length of each of the non-parallel sides?

4. An isosceles triangle has a perimeter of 48 centimeters. One of the equal sides measures 16 centimeters. What is the length of the third side?
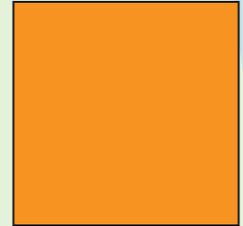
5. A regular hexagon has a perimeter of 42 centimeters. What is the length of one side of the hexagon?
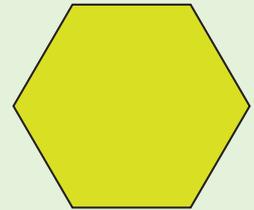
Find Missing Side When Given Perimeter Word Problems

1. A square has a perimeter of 24 meters. What is the length of one side of the square?
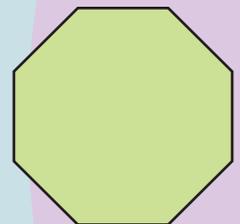
2. A pentagon has a perimeter of 35 centimeters. If four sides measure 5 centimeters, 6 centimeters, 7 centimeters, and 8 centimeters, what is the length of the fifth side?

3. A rectangle has a perimeter of 56 inches. If the length of the rectangle is 18 inches, what is the width of the rectangle?

4. A regular octagon has a perimeter of 64 meters. What is the length of one side of the octagon?

5. A trapezoid has a perimeter of 50 centimeters. The lengths of the two parallel sides are 10 centimeters and 16 centimeters. If the height of the trapezoid is 6 centimeters, what is the length of each of the non-parallel sides?