

For Some of These You Will Need To _____

4. The length of a rectangle is 6 in. more than its width. The perimeter of the rectangle is 24 in. What is the length of the rectangle?

5. The width of a rectangle is 2 cm less than its length. The perimeter of the rectangle is 16 cm. Write and solve an equation to find the dimensions of the rectangle.

6. If the width of a rectangle is 3 feet, and the length is represented by $(3x - 6)$. Find x and the length, when the area is 18 square feet.

Consecutive Integers: _____

7. The sum of three consecutive integers is 147. Find the integers.

8. The sum of three consecutive even integers is 42. Find the integers.

1. You want to buy a bouquet of yellow roses and baby's breath for \$19.25. The baby's breath costs \$3.50 per bunch, and the roses cost \$2.25 *each*. You want 1 bunch of baby's breath and some roses for your bouquet. How many roses can you buy?
2. Suppose you want to buy one pair of pants and several pairs of socks. The pants cost \$24.95, and the socks are \$5.95 *per* pair. How many pairs of socks can you buy if you have \$50.00 to spend?
3. If the width of a rectangle is 8 feet, and the length is represented by $(x + 4)$. Find x and the length, when the area is 128 square feet.
4. The sum of three consecutive numbers is 72. Write an equation and solve to find the smallest of these numbers?