



2. The caterer at a brunch bought several pounds of chicken salad and several pounds of tuna salad. The chicken salad cost \$9 per pound, and the tuna salad cost \$6 per pound. He bought a total of 14 pounds of salad and paid a total of \$111. How much chicken salad did he buy?

a. Define the variables

b. Write a system of equations to represent the situation.

c. Solve the system to find how much chicken salad he bought.

3. Beatriz is checking a shipment of technology equipment that contains laser printers that cost \$700 each and color monitors that cost \$200 each. She counts 30 boxes on the loading dock. The invoice states that the order totals \$15,000. How many laser printers and how many color monitors were delivered?

a. Define the variables

b. Write a system of equations to represent the situation.

c. Solve the system to find how many laser printers and color monitors were delivered.

4. Megan exercises every morning for 40 minutes. She does a combination of step aerobics, which burns 11 Calories per minute, and stretching, which burns about 4 Calories per minute. Her goal is to burn 335 Calories during her routine. How long should she do each activity in order to burn 335 Calories?
- Define the variables
  - Write a system of equations to represent the situation.
  - Solve the system to find how long she should do step aerobics and how long she should stretch.

**JUMBLED ANSWERS**

2.50

15

12

9

4.25

25

5

18