

1. A 100-point test has x questions worth 2 points apiece and y questions worth 4 points apiece.

What is the total that is given? _____

What do the variables stand for:

x = _____, y = _____

a. Write an equation in Standard Form

b. If you have 24 questions worth 4 points apiece, how many questions will be worth 2 points apiece?

Louise has \$36 in five-dollar bills and singles. How many of each type of bill does she have?

What is the total that is given? _____

What do the variables stand for:

x = _____, y = _____

a. Write an equation in Standard Form.

b. If Louise has 2 five-dollar bills, how many singles does she have?

3. The Remy family bought 4 sandwiches and 3 salads. They spent \$24. Let x be the cost of a sandwich and y be the cost of a salad.

What is the total that is given? _____

What do the variables stand for:

x = _____, y = _____

a. Write an equation in Standard Form.

b. If each sandwich costs \$3.75, how much did each salad cost?

4. The store at which Andy usually shops is having a sale. Roast beef costs \$4 a pound and shrimp costs \$10 a pound and he has \$240 to spend,

What is the total that is given? _____

What do the variables stand for:

x = _____, y = _____

a. Write an equation in Standard Form.

b. If Andy bought 8 pounds of shrimp for the upcoming winter party, how much money will he have left over for roast beef?.