Example 1

You need 5 pounds of fruit in order to make a fruit salad. Apples are \$1.88 per pound and oranges cost \$1.28 per pound.

If you spend a total of \$8.50 on fruit, how many pounds of each kind did you buy?

each kind did you buy?

\$ 1.88 a + 1.28 \omega = 8.50

$$a + 0 = 5$$
 $a = 5 - 0$
 $a = 5 - 0$

Example 3

The sum of a daughter and mother's ages is 74. Twice the daughters age is 2 less than her mom's age. Find their ages.

Example 2

Tommy has 4 times as many quarters as dimes. If he has \$7.70 total, how many of each coin does he have?

Example 4

The perimeter of an isosceles triangle is 28 inches. The area of the triangle is 48 square inches. What are the lengths of the sides of the isosceles triangle?



