

Systems of Equations: Lesson 5

Word Problems 1: Notes



Name: _____

There are 28 total cats and dogs at my pet daycare. The number of dogs is double the amount of cats minus two. How many dogs are at my daycare?

1st equation: _____

2nd equation: _____

Substitute: _____

Simplify: _____

Solve: _____ cats

$$c + d = 28$$

$$d = \text{_____ doggies}$$

I have quarters and dimes in my pocket. I have 11 coins total, and the amount is \$1.85. How many of each coin do I have?

Number of items: _____

Value: _____

Substitute: _____

Distribute: _____

Solve: _____

$$d = \text{_____}$$

$$q = 11 - d$$

$$q = \text{_____}$$

You pay \$22 for 6 flowers, roses and daisies. A rose is \$4, and a daisy is \$2. How many of each flower did you buy?

Number: _____

Value: _____

Substitute: _____

Distribute: _____

Add like terms: _____

Solve:

$$d = \underline{\hspace{2cm}}$$

$$r = 6 - d$$

$$r = \underline{\hspace{2cm}}$$