

Name \_\_\_\_\_

Date \_\_\_\_\_

## Double Step Algebra - Guided Lesson Explanation

### Explanation#1

For the first step, in order to get x on the left side we have to remove 6 using subtraction.

$$5x + 6 = 46$$

$$5x = 46 - 6$$

Now for the second step, we will remove the coefficient using division.

$$5x = 40$$

$$x = 40 \div 5$$

$$x = 8$$

So, the answer is 8.

### Explanation#2

For the first step, in order to get x on the left side we have to remove 8 using addition.

$$4x - 8 = 36$$

$$4x = 36 + 8$$

Now for the second step, we will remove the coefficient using division.

$$4x = 44$$

$$x = 44 \div 4$$

$$x = 11$$

So, the answer is 11.



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### **Explanation#3**

For the first step, in order to get x on the left side we have to remove 20 using subtraction.

$$10x + 20 = 100$$

$$10x = 100 - 20$$

Now for the second step, we will remove the coefficient using division.

$$10x = 80$$

$$x = 80 \div 10$$

$$x = 8$$

So, the answer is 8.

