You Try:

1) Jan used 22 gallons of water in the shower. This amount is 7 gallons less than the amount she used for washing clothes. How much water does Jan use to wash clothes?

What do you know? _____

What do you want to know? _____

What does your variable represent? _____

What operation is used in the equation? _____

What inverse operation will you use to solve? _____

Write the one-step equation to solve. _____

Solution: _____

Solution as a statement: _____

2) While training for a sports event, Oliver hiked 5.3 miles each day. If he hiked for a total of 42.4 miles, how many days did Oliver hike?

What do you know? _____

What do you want to know? _____

What does your variable represent? _____

What operation is used in the equation? _____

What inverse operation will you use to solve? _____

Write the one-step equation to solve. _____

Solution: _____

Solution as a statement: _____

3) At a restaurant, Erin and her three friends decided to split the bill evenly. If each person paid $11 what was the total cost of their bill?

What do you know? _____

What do you want to know? _____

What does your variable represent? _____

What operation is used in the equation? _____

What inverse operation will you use to solve? _____

Write the one-step equation to solve. _____

Solution: _____

Solution as a statement: _____

4) Ronique had 3 cookies and then she bought some more and then she had a total of 19 cookies. How many cookies did she buy?

What do you know? _____

What do you want to know? _____

What does your variable represent? _____

What operation is used in the equation? _____

What inverse operation will you use to solve? _____

Write the one-step equation to solve. _____

Solution: _____

Solution as a statement: _____

Additional One-Step Equation Practice

1) Robyn had some video games, and then bought 4 more games. If she now has a total of 10 games, how many did she start out with?

What does your variable represent in the word problem? _____

What operation will you use to solve the word problem? _____

One Step Equation: _____

Solution: _____

2) Three friends found some money on the playground. They split the money evenly, and each person got $14. How much money did they find on the playground?

What does your variable represent in the word problem? _____

What operation will you use to solve the word problem? _____

One Step Equation: _____

Solution: _____

3) Josh sent 574 text messages over the last 7 days. On average, how many text messages did he send each day?

What does your variable represent in the word problem? _____

What operation will you use to solve the word problem? _____

One Step Equation: _____

Solution: _____

4) In a recent presidential election, Ohio had 18 electoral votes. This is 20 votes less than Texas had, how many electoral votes did Texas have?

What does your variable represent in the word problem? _____

What operation will you use to solve the word problem? _____

One Step Equation: _____

Solution: _____

Solve each equation below:

5) $2.3 = x + 0.34$

6) $p + \frac{1}{7} = \frac{6}{7}$

7) $\frac{3}{4}d = 12$

8) $19 = \frac{x}{7}$

9) $h - 26 = 29$

10) $1.6w = 72$

11) $12.22 = y - 7.5$

12) $38.2 = 4x$