## Tutor-USA.com Worksheet Pre-Algebra Solving One-Step Equations – Addition & Subtraction

Name: \_\_\_\_\_\_
Date: \_\_\_\_\_

1) Explain the Addition Property of Equality in your own words.

2) Explain the Subtraction Property of Equality in your own words.

**Solve each equation:** 

3) 
$$x + 2 = 10$$

4) 
$$b-12=14$$

5) 
$$5 = x - 3$$

6) 
$$c + 9 = 29$$

7) 
$$47 = v + 15$$

8) 
$$13 + y = 65$$

9) 
$$w + 3 = -10$$

10) 
$$-5 + x = -10$$

11) 
$$-23 = x - 11$$

12) 
$$r - 316 = -8$$

13) 
$$x - 25,000 = 36,250$$

14) 
$$-82 = x - 82$$

15) 
$$n - 10 + (-5) = -20$$

16) 
$$u + (-5) = 12$$

17) 
$$-22 + n + 30 = -29 + 9$$

## **Tutor-USA.com Worksheet**

## Answer Key

- 1) You can add the same value to both sides of an equation
- 2) You can subtract the same value from both sides of an equation
- 3) 8
- 4) 26
- 5) 8
- 6) 20
- 7) 32
- 8) 52
- 9) -13
- 10) -5
- 11) -12
- 12) 308
- 13) 61250
- 14) 0
- 15) -5
- 16) 19
- 17) -28