Algebra 1 Enrichment: Solving Equations   **Name**_____**Pd**____

Assignment 1: To <u>solve an equation</u> means to isolate the variable on one side of the equation. You can do this by using the addition/subtraction property of equality.

Solve and check each equation.

1. w + 14 = -8   2. y + (-10) = 6   3. -11 = a + 8

4. -13 + h = -5   5. -2.3 = x + (-1.1)   6. -7 = -16 - k

7. m - (-13) = 37   8. z + (-13) = -27   9. p - (-27) = 13

10. 41 = 32 - r

Solve the equation, show your work, and circle your answer.

11. y + (-7.5) = -12.2   12. b - (-8) = 23

13. x + 15 = -6   14. d + 16 = 14

15. r - (-27) = 13