

# Solving One-Step Equations

## Addition & Subtraction

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

Add or subtract the same amount from both sides so that the variable is by itself.

Examples:

$$x + 5 = 14$$
$$x + 5 \quad \boxed{-5} = 14 \quad \boxed{-5}$$
$$x = 9$$

$$y - 8 = 9$$
$$y - 8 \quad \boxed{+8} = 9 \quad \boxed{+8}$$
$$y = 17$$



Solve each equation.

(1)  $11 = r - 2$

(2)  $g + 2 = 14$

(3)  $11 = k - 10$

(4)  $5 = n + 3$

(5)  $m - 7 = 14$

(6)  $13 = a - 5$

(7)  $6 = w - 7$

(8)  $j - 3 = 12$

(9)  $a + 8 = 22$

(10)  $e + 11 = 23$

(11)  $14 = x + 5$

(12)  $4 = q - 14$

(13)  $j - 12 = 8$

(14)  $j - 3 = 11$

(15)  $14 = r - 13$