

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Solve the Multi-Step Equations - Integers**

$$12 + 5x - 8 = 12x - 10$$

$$\frac{x + 2}{x - 3} = 2$$

$$\frac{5x}{2} = 3x + 5$$

$$2(3x - 4) = 3x + 1$$

$$3x = 5(x + 3) - 3$$

$$\frac{x - 5}{2} = \frac{x + 2}{3}$$

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Answers

$$12 + 5x - 8 = 12x - 10$$

$$x = 2$$

$$\frac{x + 2}{x - 3} = 2$$

$$x = 8$$

$$\frac{5x}{2} = 3x + 5$$

$$x = -10$$

$$2(3x - 4) = 3x + 1$$

$$x = 3$$

$$3x = 5(x + 3) - 3$$

$$x = -6$$

$$\frac{x - 5}{2} = \frac{x + 2}{3}$$

$$x = 19$$