

Student Name: _____

Score: _____

Solve – Multi-Step Equations

$$3x + 7 = x - 15$$

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

$$2(x - 7) + 3(x - 1) = 4x + 3$$

$$9x - 4 = 4(x - 1) - 5x + 4$$

$$-4(2x - 3) = 2x + 11$$

$$5x + 4 - 7x = 5 + x - 13$$

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Answers

$$3x + 7 = x - 15$$

$$x = -11$$

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

$$x = \frac{10}{13}$$

$$2(x - 7) + 3(x - 1) = 4x + 3$$

$$x = 20$$

$$9x - 4 = 4(x - 1) - 5x + 4$$

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

$$-4(2x - 3) = 2x + 11$$

$$x = \frac{1}{10}$$

$$5x + 4 - 7x = 5 + x - 13$$

$$x = 4$$