

Solve these Single Variable Equations:

$$3x = 36$$

$$25 = 5x + 25$$

$$-5x = 15$$

$$14 = 3 + 11x$$

$$x + 3 = 9$$

$$20 = 8 + 14x$$

$$2x + 7 = -15$$

$$-3 - 1x = 13$$

$$4x - 1 = 11$$

$$-4x + 9 = 17$$

$$7x - 4 = 17$$

$$-6x + 8 = -34$$

Solve these Single Variable Equations:

$$35 = -2x - 15$$

$$2x + 1 = x + 3$$

$$3x = 2 + 2x$$

$$4x + 6 = 6 + x$$

$$3x = 1x + 4$$

$$5x + 8 = 3x + 2$$

$$2x - 4 = -3x$$

$$4 + 7x = 1 - 3x - 9$$

$$10 - 3x = 7x$$

$$4 = 2x + 16 + x - 5$$

$$4x = 14 - 3x$$

$$18 + 12 = 2x + 5x - 5$$

$$5x - 4x = 9 - 7$$

5. Distributive Property

$$3(x + 4) = 24$$

$$2(x - 5) = 14$$

$$4(2x + 3) = 36$$

$$5(x - 2) + 3 = 28$$

6. Distribute and Combine

$$3(x + 2) + 2x = 21$$

$$4(x - 3) + 2x = 18$$

$$2(3x + 1) = 4x + 14$$

$$5(x - 2) + 3x = 2(x + 7)$$

7. Fractions

$$\frac{x}{4} = 7$$

$$\frac{3x}{5} = 12$$

$$\frac{x + 3}{4} = 6$$

$$\frac{2x - 5}{3} = 7$$

$$\frac{x}{2} + \frac{x}{3} = 10$$

8. Decimals

$$0.5x = 8$$

$$1.2x + 3 = 15$$

$$2.5x - 4 = 11$$

$$0.4x + 2.8 = 7.6$$