

8th Grade Mathematics

DAY 1: Solving Two-Step Equations

Example:

$$\frac{x}{3} + 5 = 10$$

$$2x - 6 = 12$$

DAY 2: Solving Multi-Step Equations

Example:

$$2(x - 3) = 6$$

$$3(x + 2) = 12$$

Day 3: Variables on Both Sides

Example:

$$4x + 2 = 2x - 8$$

$$2x - 4 = -3x + 6$$

Day 4: Substitution

Example: $4x + 3$ $x = 3$ $2y - 6$ $y = -3$

Day 5: Linear Systems: Substitution

Example:

$$2x + 4y = 22$$

$$x = 3$$

Day 6: Linear Systems: Elimination

Example:

$$2x + 3y = 8$$

$$-2x + 2y = 2$$