



Coach Watson

Algebra

What you need:

**Pencil** 

Paper

#### **Questions to ask yourself:**

- 1. What are we solving for?
- 2. What is on the same side?
  - 3. What is furthest?
  - 4. How is it attached?
  - 5. How do you undo that?

# 1-Step Equations:

Justify

$$26 = 8 + x$$

$$x - 12 = 19$$

$$11x = -44$$

$$\frac{x}{2} = 18$$

### 2-Step Equations:

Justify

$$8x + 7 = 31$$

$$68 = 12x + 8$$

$$-9x + 1 = -80$$

$$9x - 7 = -7$$

### 2-Step Equations:

Justify

$$\frac{m}{9} - 1 = -2$$

$$6 = \frac{a}{4} + 2$$

$$2(n+5) = -2$$

$$\frac{n+5}{-16} = -1$$

## Multi-Step Equations:

Justify

$$6 = 1 - 2n + 5$$

$$8x - 2 = -9 + 7x$$

$$5p - 14 = 8p + 4$$

$$-4(-6x-3)=12$$

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