

Name _____
Mrs. Roubos

Date _____
8R Period _____

Solving Two Step Equations

I. Goal:

II. In an equation that has more than one operation, we have to undo the operations in the correct order.

First, undo the _____ or _____.

Then, undo the _____ or _____.

III Steps:

1) Use addition or subtraction to eliminate the _____ (the # without the variable)

2) Use multiplication or division to eliminate the _____ (the # attached to the variable)

3)

IV. Examples: Solve

1) $2x - 3 = 9$

2) $56 = 5x + 6$

$$3) \frac{x}{3} + 10 = 15$$

$$4) 3 = \frac{1}{2}x - 6$$

$$5) 10 - 4x = 58$$

$$6) 4 - 2x = 16$$

$$7) \frac{2}{5}x + 2 = 12$$

$$8) 14 = 6z + 2$$

$$9) \frac{2}{8}x - 3 = -13$$

$$10) -4 = \frac{2}{3}x - 2$$