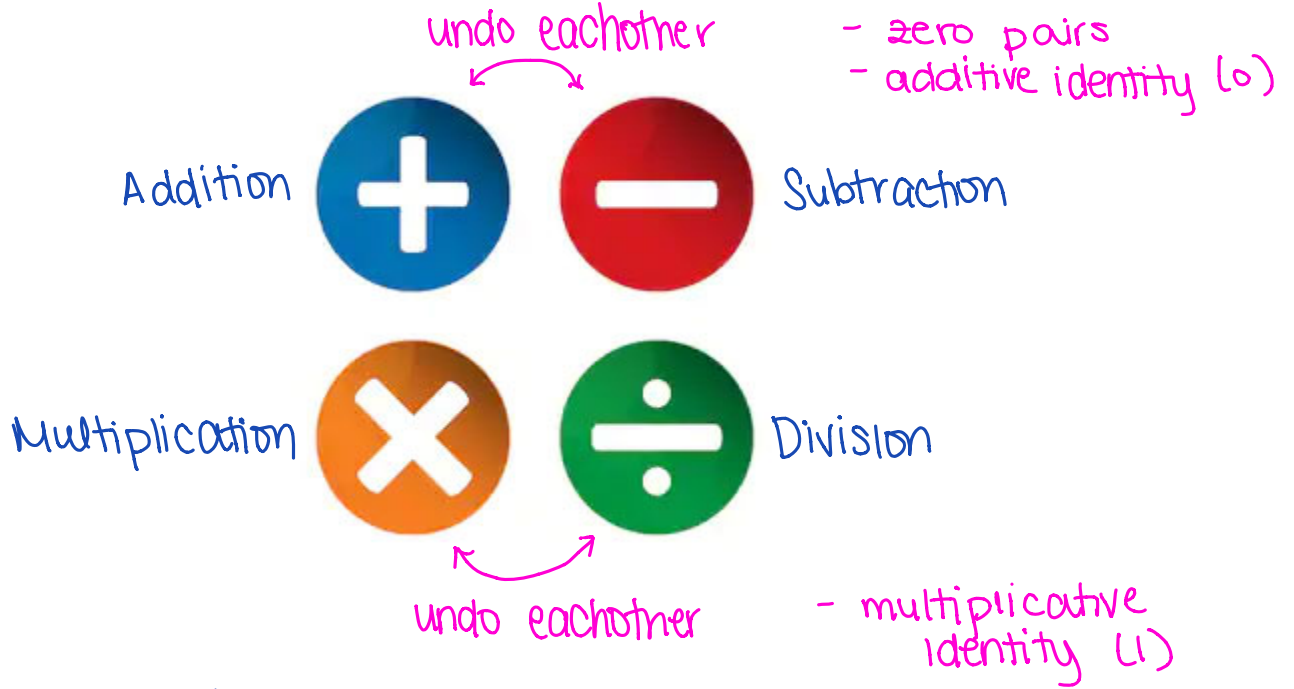


Name: _____

Date: _____

Learning Goal 6.1	I can solve equations.
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PENDAS
 BEDMAS ←

Example Solve the following equations.

$$a + 5 = 9$$

$$b - 8 = 10$$

$$12 = 2 + c$$

$$15 = 8 - d$$

$$\star + 5 = 9$$

4

$$\square - 8 = 10$$

18

$$10 = 0 + c$$

$$10 = c$$

$$d + 15 = 8 + 0$$

$$d = -7$$

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$$a + 5 = 9$$

$$-5 \quad -5$$

$$(a + 0 = 4)$$

$$a = 4$$

$$b - 8 = 10$$

$$+8 \quad +8$$

$$(b + 0 = 18)$$

$$b = 18$$

$$c = 10$$

Example Solve the following equations.

$$5f = 20$$

$$\rightarrow \frac{5f}{5} = \frac{20}{5}$$

$$1f = 4$$

$$f = 4$$

$$-2g = 14$$

$$\frac{-2g}{-2} = \frac{14}{-2}$$

$$g = -7$$

$$4 \times \frac{h}{4} = 2 \times 4$$

$$\left(\frac{4h}{4} = 8 \right)$$

$$h = 8$$

$$-\frac{j}{5} = 1$$

$$-5 \times \frac{j}{-5} = 1 \times -5$$

$$j = -5$$

Example Solve the following equations.

$$5k + 6 = 21$$

$$-6 \quad -6$$

$$(5k + 0 = 15)$$

$$\frac{5k}{5} = \frac{15}{5}$$

$$k = 3$$

$$+8 - 2m = 14$$

$$-8 \quad -8$$

$$\frac{-2m}{-2} = \frac{6}{-2}$$

$$m = -3$$

$$4 \times \frac{(h+1)}{4} = 2 \times 4$$

$$\frac{(h+1)}{-1} = 8$$

$$h = 7$$

$$\frac{h}{4} + 1 = 2$$

$$-1 \quad -1$$

$$4 \times \frac{h}{4} = 1 \times 4$$

$$h = 4$$

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