

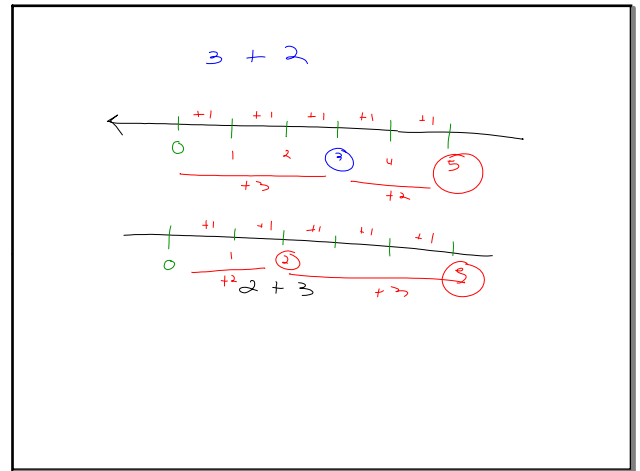
August 26, 2015

My Algebra Success Guide

Distributing Tool

* what do I know & what do I need to know to completely understand this concept?

Aug 26-9:03 AM



Aug 26-9:18 AM

$$3 - 2 = 1$$

$$3 + (-2) = (-2) + (3) = 1$$

Aug 26-9:27 AM

A. I. → result is zero

$$(-2) + 2 = 2 + (-2) = 0$$

M. I. → result is one

$$\frac{7}{1} \cdot \frac{1}{7} = \frac{7}{7} = 1$$

Aug 26-9:33 AM

⑥ Additive Identity

zero!

$$a + 0 = 0 + a = a$$

Aug 26-9:36 AM

⑦ Multiplicative Identity

one!

$$a \cdot 1 = 1 \cdot a = a$$

$$1 \cdot \frac{5}{1}$$

Aug 26-9:38 AM

$$\textcircled{1} \quad \begin{array}{r} 7x - 3 = 6x \\ -7x + 0 \quad -7x \\ \hline \end{array}$$

$$\textcircled{2} \quad 0 + \frac{(-3)}{-1} = \frac{-1 \cdot x}{-1} \quad \text{A.S. } \cancel{x} \cancel{x}$$

$$\quad \quad \quad -\frac{1}{-1} \cdot \frac{1}{-1}$$

$3 = x$

Aug 26-9:41 AM