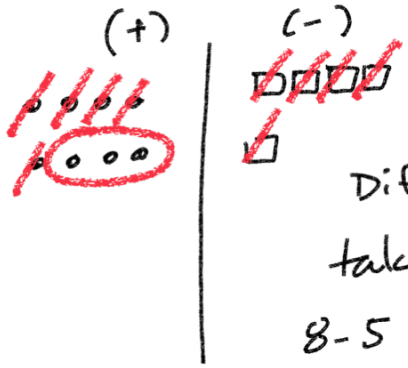
T-A1 Algebra 1 Week 5

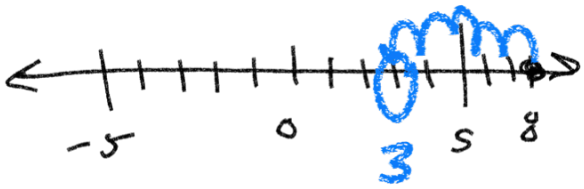
$-8 + 5 = -3$

$+8 + (-5) = +3$ (+8: start)

$-8 + (-5) = -13$



$-2 + 7 = 5$



$-2 + (-7) = -9$

$2 + (-7) = -5$

$-9 - 4 = -9 + (-4) = -13$

$-3 - 8 = -3 + (-8) = -11$

$9 - (-4) = 9 + 4 = 13$

$3 - 8 = -5$

$8 - 3 = 5$

$-9 - (-4) = -9 + 4 = -5$

$3 - (-8)$ $3 + 8$ 11

$9 - 4 = 5$

$-3 - (-8)$

$-3 + 8 = 5$

$(-8)(9) = \boxed{-72}$ $\quad (-36) \div (4) = \boxed{-9}$

$(-8)(-9) = \boxed{72}$ $\quad (36) \div (-4) = \boxed{-9}$

$(8)(-9) = \boxed{-72}$ $\quad (36) \div (4) = \boxed{9}$

$(8)(9) = \boxed{72}$ $\quad (-36) \div (-4) = \boxed{9}$

$4^2 = 4 \cdot 4 = 16$

$18 + 4^2 \div 8$

$18 + 16 \div 8$ $\quad 18 + 2 = \boxed{20}$

$(-8)(-5)(-3) = \boxed{-120}$

$(-2)^3 = (-2)(-2)(-2)$

$32 \div (-2)^3 \quad [32 \div -8] = (-4)$

$32 \div (-7+5)^3 = (-4)$

even $\rightarrow \oplus$

odd $\rightarrow \ominus$

$(-8)^2 = (-8)(-8)$

$\left(\frac{a}{b}\right)^2 + b^3 \qquad a = 24 \quad b = -3$

$-(3)^3$ or $(-3)^3$

$\left(\frac{24}{-3}\right)^2 + (-3)^3 = (-8)^2 + (-3)^3$

$64 - 27 = \boxed{37}$

1-7 Distributive Property

$2(5x+4) = 2*5x + 2*4$

$\boxed{10x + 8}$

$4(7x-3) = \boxed{28x - 12}$

$6(5-3x) = \boxed{30 - 18x}$

$(2x-4)3 = \boxed{6x - 12}$

$8(x+y) = \boxed{8x + 8y}$

change the sign

$-1(-2x+1) = \boxed{2x - 1}$

$-2(14x-3) = (-2)(14x) - (-2)(3)$

$\boxed{-28x + 6}$

$-5d + 3(2d-7)$

Combine like terms

$-5d + 6d - 21$

$d - 21$

Quiz 3 due tonight!

Quiz 4 due Oct 13th

HW
1-7 evens
Supplemental
Online HW 5 (Thurs)
Quiz 5 (Thurs)
due Oct 20th