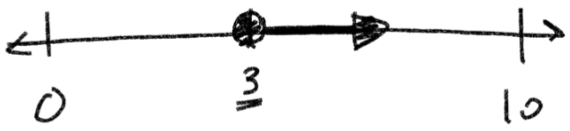
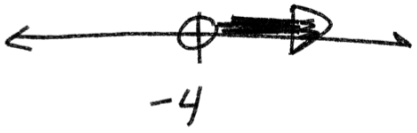
TH-A1 Algebra 1 Week 14 1/5

1.) $x \geq 3$

$>$ $<$ $\geq$ $\leq$ 0

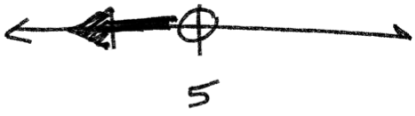


2.) $-4 < x$



3.) $8 \geq x$

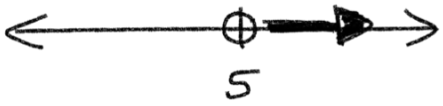
4.) $x < 5$



1.) $x + 4 > 9$

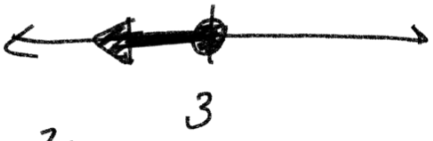
$-4 \quad -4$

$x > 5$



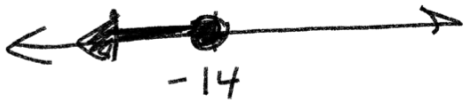
2.) $\frac{-9x}{-9} \geq \frac{-27}{-9}$

$x \leq 3$



3.) $\frac{5x}{5} < \frac{35}{5}$ $\boxed{x < 7}$

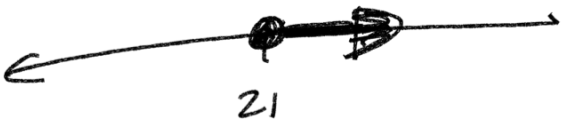
4.) $\frac{x}{-2} \geq (7)(-2)$ $\boxed{x \leq -14}$



5.) $18 \leq x - 3$

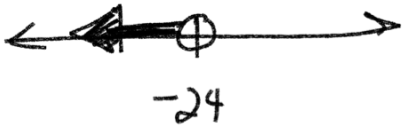
$+3 \quad +3$

$21 \leq x \qquad x \geq 21$



6.) $\frac{x}{4} < (-6)4$

$x < -24$



1.) $-21 \geq 4x - 2 + 5$ "Combine like terms"

$-21 \geq 4x + 3$

$-3 \quad -3$

$-24 \geq 4x$

$\frac{-24}{4} \geq \frac{4x}{4}$

$-6 \geq x$

2.) $-7x + 5 - 3x < -5$

$-10x + 5 < -5$

$-5 \quad -5$

$-10x < -10$

$\frac{-10x}{-10} < \frac{-10}{-10}$

$x > 1$

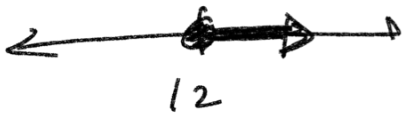
1.) $-4 + 3x \geq 2x + 8$

$-2x \quad -2x$

$-4 + x \geq 8$

$+4 \quad +4$

$x \geq 12$



$\$50 = \$10 +$ Nate's hair piece

$-\$10 \quad -\$10$

$\$40 = Nhp$

2.) $-3(4x + 3) \geq -105$

$-12x - 9 \geq -105$

$+9 \quad +9$

$\frac{-12x}{-12} \geq \frac{-96}{-12}$

$x \leq 8$