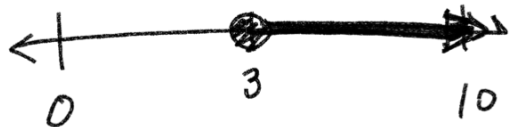
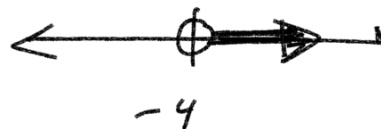


1.) $x \geq 3$



←
3
→

2.) $-4 < x$

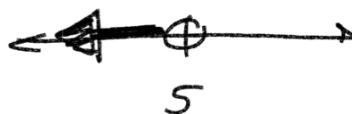


> <
○
≥ ≤
●

3.) $8 \geq x$ $x \leq 8$

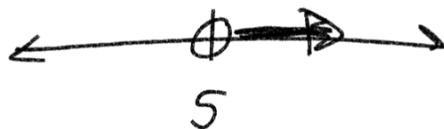


4.) $x < 5$



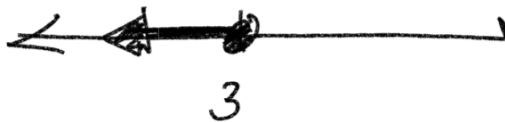
1.) $x + 4 > 9$
 $\quad -4 \quad -4$

$x > 5$



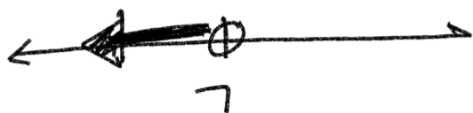
2.) $\frac{-9x}{-9} \geq \frac{-27}{-9}$

$x \leq 3$



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

$x < 7$



4.) $\left(\frac{x}{-2}\right)^{-2} \geq (7)(-2)$

$x \leq -14$



$$5.) \quad 18 \leq X - 3$$

$$\quad \quad +3 \quad \quad +3$$

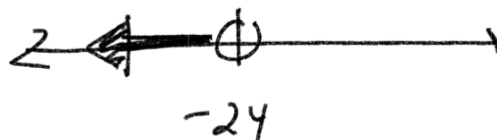
$$21 \leq X$$

$$X \geq 21$$



$$6.) \quad \left(\frac{X}{4}\right)^4 < (-6)^4$$

$$X < -24$$



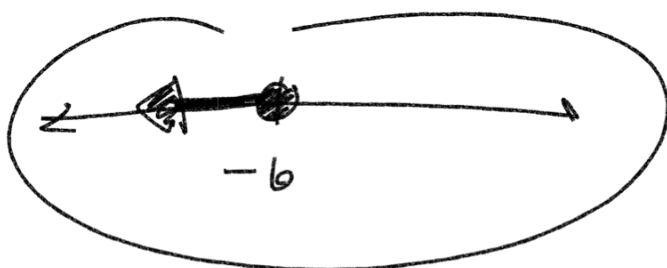
$$1.) \quad -21 \geq 4x - 2 + 5$$

$$-21 \geq 4x + 3$$

$$\quad -3 \quad \quad -3$$

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

$$-6 \geq x$$



"Combine like terms"

$$-21 = 4x + 3$$

$$\quad -3 \quad \quad -3$$

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

$$-6 = x$$

$$7 - 3 = 4$$

$$-7x - 3x$$

$$-7x + (-3x)$$

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

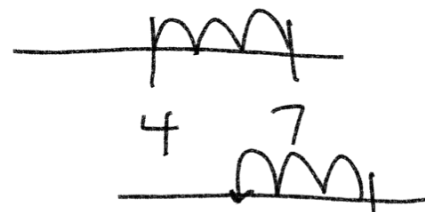
$$-7x + (-3x)$$

$$-10x + 5 < -5$$

$$\quad -5 \quad -5$$

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

$$x > 1$$



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

$\quad \quad -2x \quad \quad -2x$

$$-4 + x \geq 8$$

$$+4 \quad \quad +4$$

$$x \geq 12$$



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

$$-12x - 9 \geq -105$$

$$+9 \quad +9$$

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

$$x \leq 8$$

