

Inequalities

$$x < 2$$

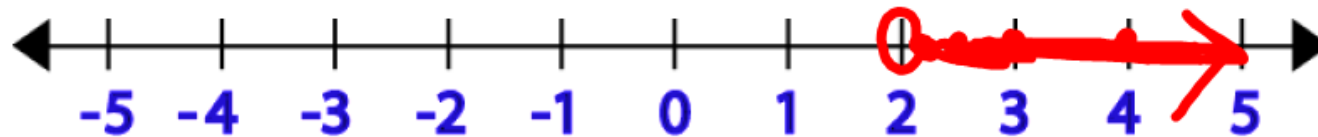
$$x \leq 2$$

$$x > 5$$

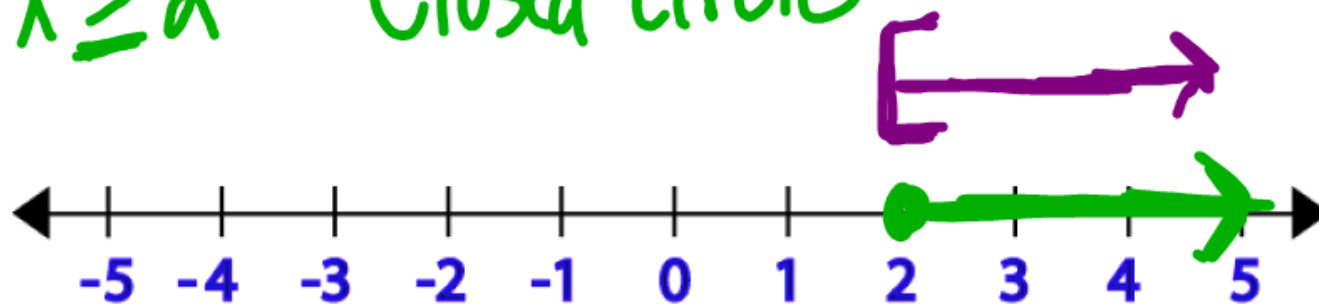
$$x \geq 5$$

$$x \neq 7$$

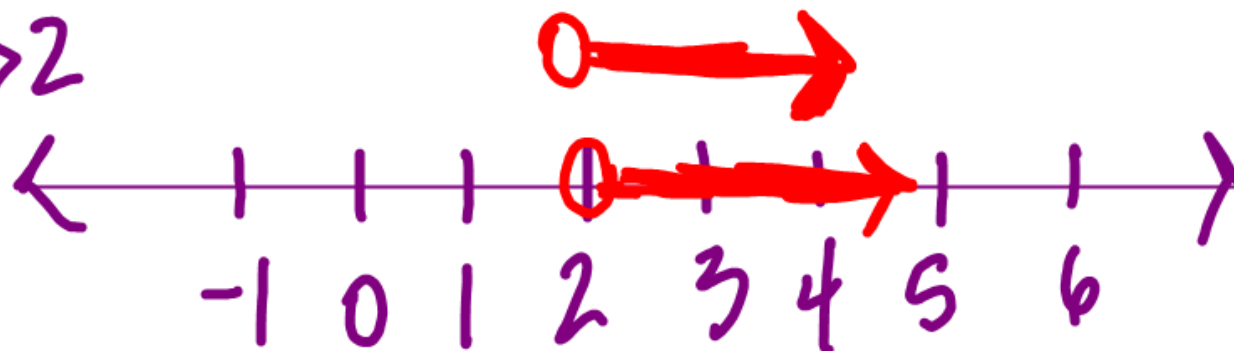
$x > 2$ Open Circle



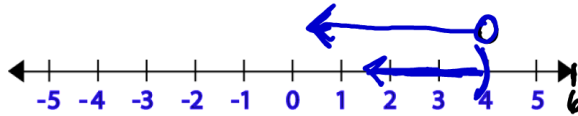
$x \geq 2$ Closed circle



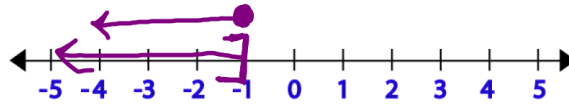
$x > 2$



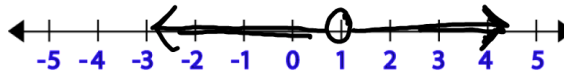
$$x < 4$$



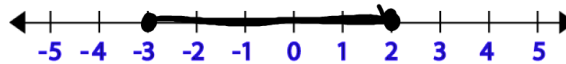
$$x \leq -1$$



$$x \neq 1$$



$$-3 \leq x \leq 2 \quad \text{Between}$$



Numbers between

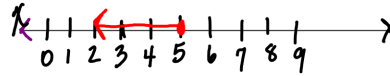
-8 and 5 noninclusive

$$-8 < x < 5$$

$$x + 4 \leq 9$$

$$x \leq 5$$

$$\begin{aligned} x + 4 &= 9 \\ x &= 5 \end{aligned}$$

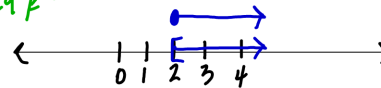


$$x - 9 \geq -7$$

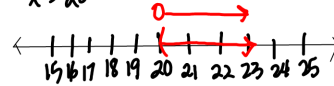
$$x \geq 2$$

$$\begin{aligned} 0 - 9 &\geq -7 \\ -9 &\geq -7 \end{aligned}$$

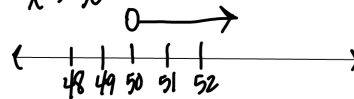
$$\begin{aligned} 4 - 9 &\geq -7 \\ -5 &\geq -7 \\ \text{True} \end{aligned}$$



$$x > 20$$



$$x > 50$$



$$x \leq 1200$$

$$p \geq 280$$

$$\begin{aligned} 16 - 44 \\ \times 4 \end{aligned}$$

16-32 graph on number

$$x > \frac{2}{3}$$

