

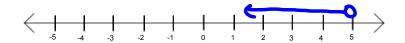


Objectives: I can solve a multi-step inequality

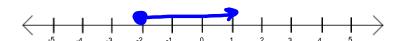
Vocab Sorrenter than 3 or less than Greater than or less than + equal to

REVIEW:

Graph the inequalities on a number line



$$x \ge -2$$



$$x \leq 0$$



$$x > -4$$



Solve k - 17 = -3
+
$$\frac{17}{17}$$

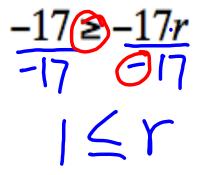
Solve
$$k-17 < -3$$
 $+17$
 $+17$
 $\times \times \times 14$

$$\frac{n}{15} < -14$$

$$n < -2/0$$

$$\begin{array}{c|c}
8 + m \leq -1 \\
-8 & -8
\end{array}$$

$$m \leq -9$$



$$-122 \le 4 - 7p$$

$$-4 - 4$$

$$-126 = -7p$$

$$-7 = -7$$

$$-7 = -7$$

$$-7 = -7$$

$$-3 > \frac{b}{4} - 5$$

+5 4 +5
4 -2 > $\frac{b}{4}$ 4 -8 > $\frac{b}{4}$ 4

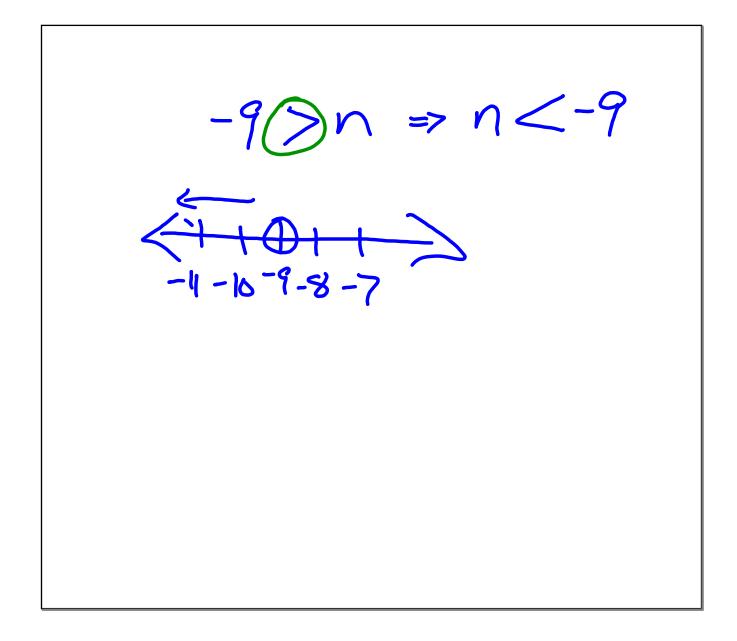
$$3.5 \ge \frac{x-1}{3}$$

$$15 \ge x-1$$

$$+1$$

$$+1$$

$$16 \ge x$$



$$\begin{array}{c} -4-3P \geq 26 \\ +4 \\ +4 \\ \hline -3023P +3P \geq 30 \\ \hline -33 \\ \hline -33 \\ \hline +3P \\ \hline -102P \\ \hline -30 \\ \hline$$