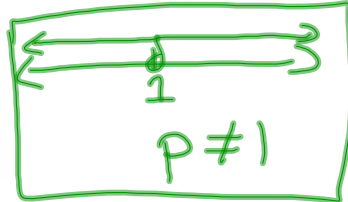
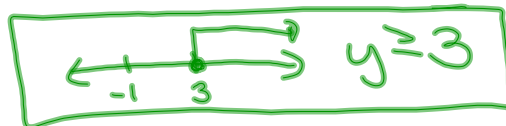


Homework Questions p. 67
#1-8

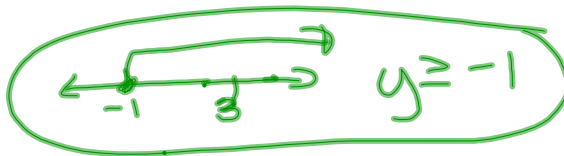
4. $p > 1$ or $p < 1$



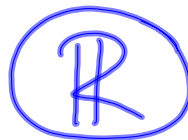
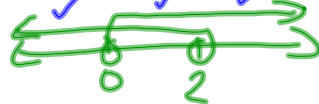
5. $y \geq -1$ and $y \geq 3$



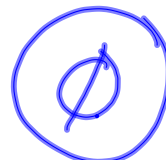
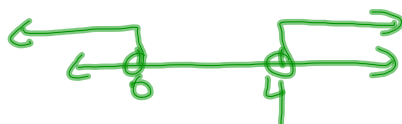
6. $y \geq -1$ or $y \geq 3$



7. $t > 0$ or $t < 2$



8. $w < 0$ and $w > 4$



HW Assessment

6. $y \geq -1$ or $y \geq 3$
solve and graph

$$-(k-1) > 4 \quad \text{and}$$

$$-k + 1 > 4$$

-1 -1

$$(-k > 3)(-1)$$

$$k < -3$$

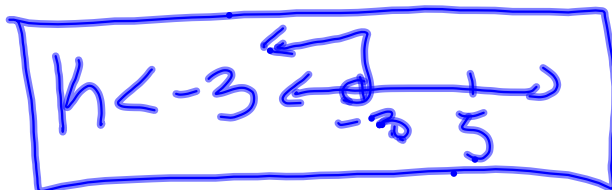
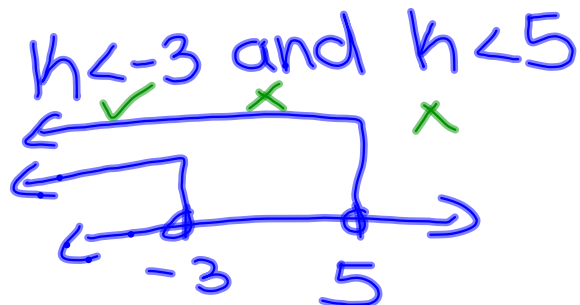
$$\begin{array}{l} \cancel{k > 3} \\ \cancel{k > -1} \\ k < -3 \end{array}$$

$$-(1+k) < 4$$

$$-1+k < 4$$

+1 +1

$$k < 5$$

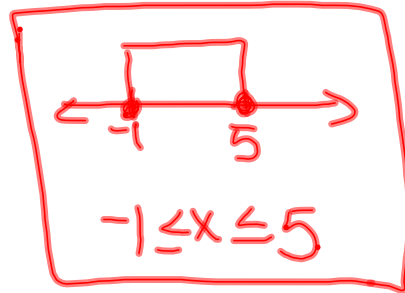
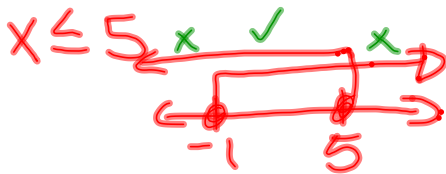


$$-2 \leq -x + 3 \leq 4$$

$$\begin{array}{l} -2 \leq -x + 3 \text{ and } -x + 3 \leq 4 \\ -3 \quad -3 \end{array}$$

$$\begin{array}{l} -5 \leq -x \\ \frac{-5}{-1} \quad \frac{-x}{-1} \\ 5 \geq x \end{array}$$

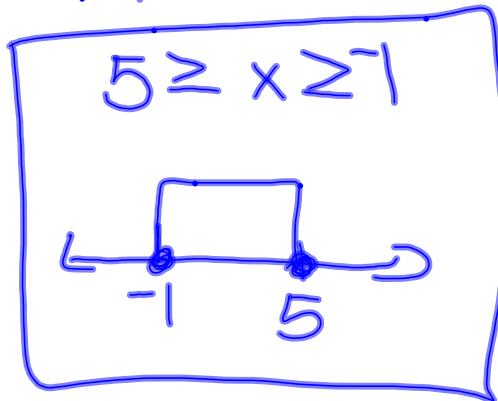
$$\begin{array}{l} -x \leq 1 \\ \frac{-x}{-1} \quad \frac{1}{-1} \\ x \geq -1 \end{array}$$



solving simultaneous

$$\begin{array}{l} -2 \leq -x + 3 \leq 4 \\ -3 \quad -3 \end{array}$$

$$\begin{array}{l} -5 \leq -x \leq 1 \\ \frac{-5}{-1} \quad \frac{-x}{-1} \quad \frac{1}{-1} \end{array}$$

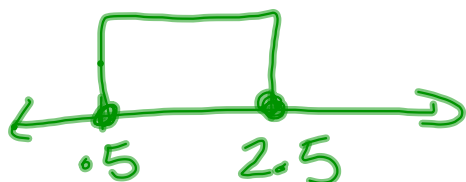


$$\begin{array}{r} -10 \leq 4x - 12 \leq -2 \\ +12 \quad \quad +12 \quad \quad +12 \end{array}$$

$$\frac{2}{4} \leq \frac{4x}{4} \leq \frac{10}{4}$$

$$\frac{1}{2} \leq x \leq \frac{5}{2}$$

$$.5 \leq x \leq 2.5$$



your turn!

$$1) 1 < 10 - 3y < 16$$

$$2) 2f + 1 < -9 \text{ or } 0.1f + 0.5 \geq 0$$

Homework
p. 67 # 9-18