

December 2, 2011

~~Get out your homework~~ - Lilac WS12
due Monday

12/2 - Solving One-Step Add/Subtract Inequalities

Solve all three basically the same way...

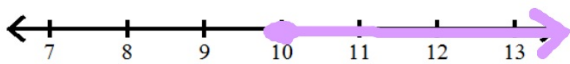
$$\begin{array}{r} x + 5 = 7 \\ -5 \quad | \quad -5 \\ \hline x = 2 \end{array}$$

$$\begin{array}{r} x + 5 > 7 \\ -5 \quad | \quad -5 \\ \hline x > 2 \end{array}$$

$$\begin{array}{r} x + 5 \leq 7 \\ -5 \quad | \quad -5 \\ \hline x \leq 2 \end{array}$$

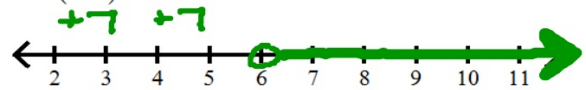
Solve each then graph the answers on number lines.

$$x - 15 \geq -5$$



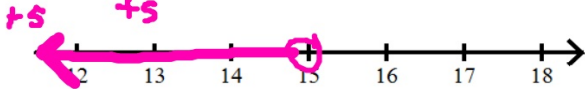
$$\begin{array}{r} x - 15 \geq -5 \\ +15 \quad +15 \\ \hline x \geq 10 \end{array}$$

$$m + (-7) > -1$$



$$m > 6$$

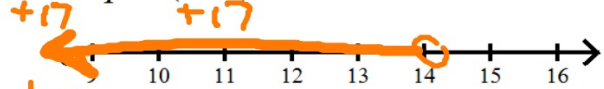
$$10 > v - 5$$



$$\begin{array}{r} 15 > v \\ v < 15 \end{array}$$

Variable
MUST be
on the left

$$-3 > p + (-17)$$



$$\begin{array}{r} 14 > p \\ p < 14 \end{array}$$

Homework:

Lilac Worksheet 13

due Tuesday