
January 4, 2012

Get out your homework...

1/4 - Solving One-Step Add/Subtract Inequalities

Solve all three basically the same way...

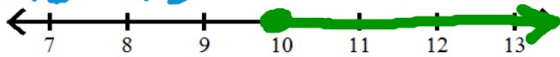
$$\begin{array}{r} x + 5 = 7 \\ -5 \quad | \quad -5 \\ \hline x = 2 \end{array}$$

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

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

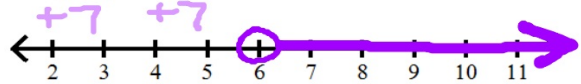
Solve each then graph the answers on number lines.

$$x - 15 \geq -5$$



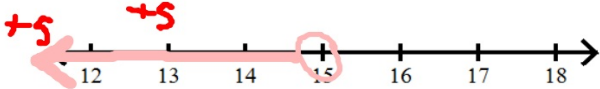
$$x \geq 10$$

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



$$m > 6$$

$$10 > v - 5$$



$$15 > v$$

$$v < 15$$

Variable
must be on
the left!

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



$$14 > p$$

$$p < 14$$

Homework:

Green Worksheet WS2

due Thursday
