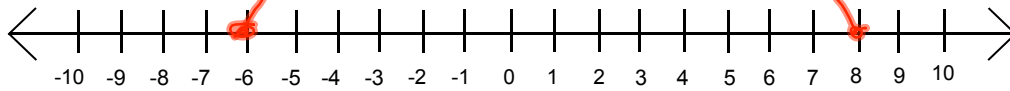
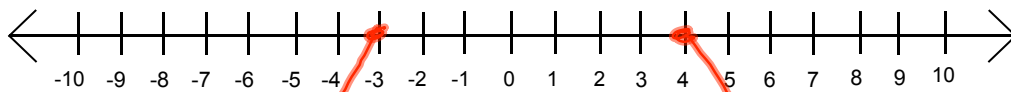


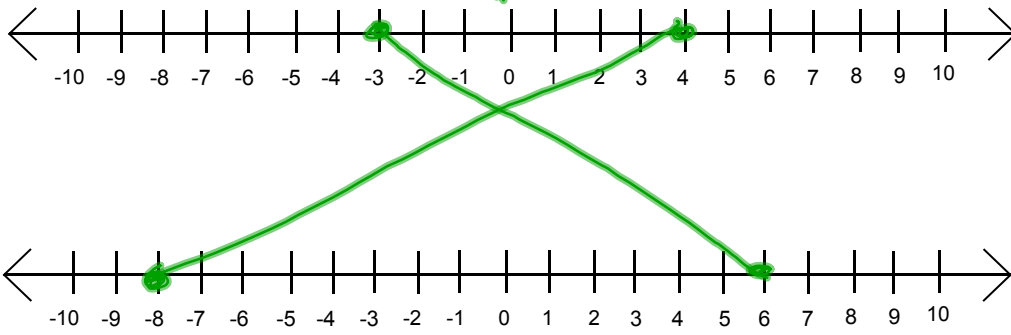
chapter

$$\begin{array}{r} 4 > -3 \\ \times 2 & \times 2 \\ 8 > -6 \end{array}$$



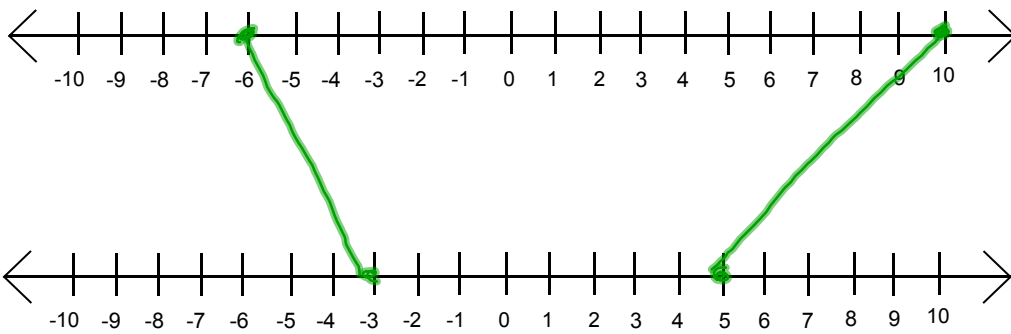
chapter

$$\begin{array}{l} 4 > -3 \\ x-2 > x-2 \\ -8 < 6 \end{array}$$



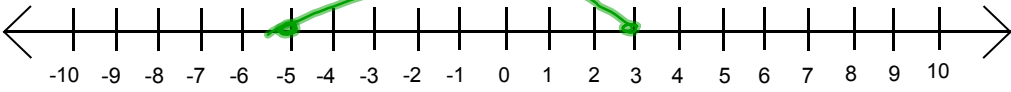
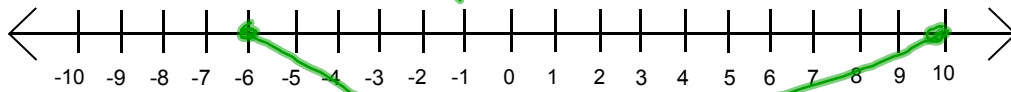
chapter

$$\frac{10}{2} > \frac{-6}{2}$$
$$5 > -3$$



chapter

$$\frac{10}{-2} > \frac{-6}{-2}$$
$$-5 < \frac{2}{3}$$



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EX 1

$$\begin{array}{r} -19 + 8p \geq 37 \\ +19 \qquad \qquad +19 \\ \hline \qquad \qquad 8p \geq \frac{56}{8} \end{array}$$

Easy! $p \geq 7$

Ex #3



$$13 + 4(7 - 2x) < 47$$

10)b

$$\begin{array}{r} -12 - 3x \geq -48 \\ +12 \qquad \qquad +12 \\ \hline -3x \geq 36 \end{array}$$

$$\frac{-3x}{-3} < \frac{36}{-3}$$

$$x \leq -12$$

$$12 a) \rightarrow \frac{3x + 2x + 5 + 4x - 11 + 18 - x}{4} < 21$$

combine
and re-write

14h)

$$-\frac{2}{3}x < -\frac{4}{5}$$

$$\left(-\frac{3}{2}\right) \cdot \left(-\frac{2}{3}x\right) > \left(-\frac{3}{2}\right) \cdot \left(-\frac{4}{5}\right)$$

$$x > \frac{6}{5}$$

or

$$x > 1\frac{1}{5}$$