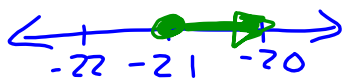


Warm Up

Solve and graph the inequality.

1) $\frac{31}{13}m \geq -7 \cdot \frac{3}{1}$

$$m \geq -21$$



2) $-x - 4 > 3x - 12$

$$\begin{array}{r} +4 \qquad +4 \\ -x > 3x - 8 \\ -3x \quad -3x \end{array}$$

$$\frac{-4x}{-4} > \frac{-8}{-4}$$

$$x < 2$$



3) $-10 \leq -2(2x - 9)$

$$\begin{array}{r} -10 \leq -4x + 18 \\ -18 \qquad -18 \end{array}$$

$$\frac{-28}{-4} \leq \frac{-4x}{-4}$$

$$7 \geq x$$

$$x \leq 7$$



Homework Questions?

38) $2x + 10 \geq 7x + 7$

$$\begin{array}{r} -5x + 10 \geq 7 \\ -10 \qquad -10 \end{array}$$

$$\frac{-5x}{-5} \geq \frac{-3}{-5}$$

$$x \leq \frac{3}{5}$$



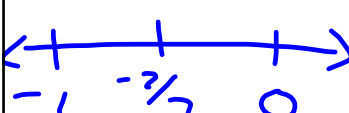
40

$$-3(x+3) < 4x-7$$

$$\begin{array}{r} -3x-9 < 4x-7 \\ -4x \quad -4x \end{array}$$

$$\begin{array}{r} -7x-9 < -7 \\ +9 \quad +9 \end{array}$$

$$\frac{-7x}{-7} < \frac{2}{-7}$$



$x > -\frac{2}{7}$

Self Scoring Scale

4- I can *summarize* the concepts and explain it to others.

3- I can *apply* the concepts to answer questions correctly.

2- I can *apply* the concepts but with some *mistakes*.

1- I *need help* to know how to apply the concepts.

0- I *can't* apply the concepts even with help.

Word Problems

p.340 #44-52

6.3 Day2 Homework

Practice Solving Inequalities wkst (p.28)