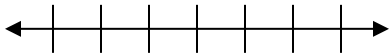


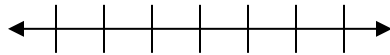
**HW 4-6****Solving Inequalities:  
Multiplication & Division****Int 1****Unit 4**

Graph the following on a number line.

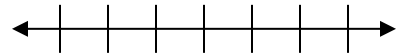
1)  $x = 8$



2)  $w < 11$



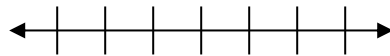
3)  $100 < c$



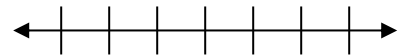
4)  $y \geq -3$



5)  $-3 \leq g$



6)  $a < 22$



Solve each inequality using INVERSE OPERATIONS. Show your work.

7)  $8x > -16$

11)  $12a \geq -24$

8)  $-8x > 16$

12)  $-12 \leq 4a$

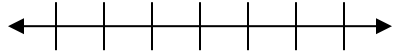
9)  $7y < -35$

13)  $5 > \frac{x}{-2}$

10)  $\frac{r}{-3} \leq -4$

14)  $-5x > \frac{3}{10}$

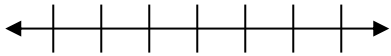
$$15) \quad \frac{r}{-3} \leq 6$$



$$19) \quad \frac{1}{5}y > \frac{7}{10}$$

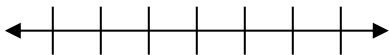
$$16) \quad -\frac{7}{8}x \leq \frac{7}{16}$$

$$20) \quad -5 > \frac{x}{7}$$



$$17) \quad 26 > -\frac{2}{5}h$$

$$21) \quad 27 > -3x$$



$$18) \quad -3.9h > -31.2$$

$$22) \quad -27 > 3x$$

