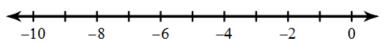
Unit 2

Write the symbol for each below the description:

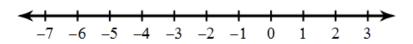
will distribute the symmetric destribution.									
Only Have	Greater Than or Equal to	Less Than	At Least						
At Most	No More Than	More than	No Less Than						

Solve each inequality and graph its solution.

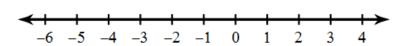
1.
$$-2x \le 16$$



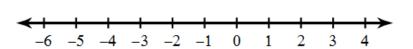
2.
$$-7 \le 5x + 2x$$



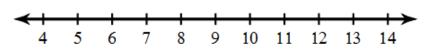
3.
$$5x-3 < -3+5+7x-7$$



4.
$$-32+6x < 2(8x-6)$$



5.
$$5(3x+3) > 105$$



HW 8-1 Solving Inequalities

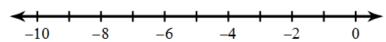
Unit 8

Write the symbol for each below the description:

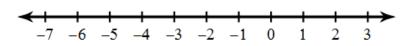
The the symbol for each edge with the second promite									
Only Have	Greater Than or Equal to	Less Than	At Least						
At Most	No More Than	More than	No Less Than						

Solve each inequality and graph its solution.

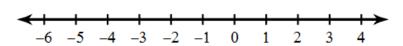
1.
$$-2x \le 16$$



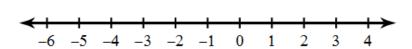
2.
$$-7 \le 5x + 2x$$



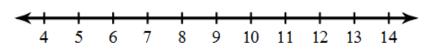
3.
$$5x-3 < -3+5+7x-7$$



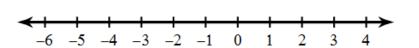
4.
$$-32+6x < 2(8x-6)$$



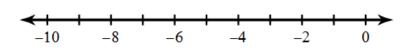
5.
$$5(3x+3) > 105$$



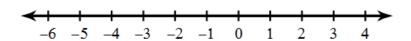
6.
$$-\frac{x}{2} + 5 < 6$$



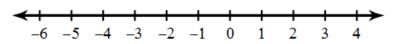
7.
$$\frac{1}{3}x - 3 \ge -5$$



$$8.4x-2 > 3x+5+x$$

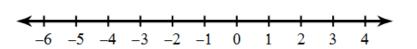


9.
$$6-3x-10+x \le -2x-3$$

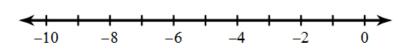


Answers										
<u> </u>	<u> </u>	<u> </u>	<u> </u>		≥	<u> </u>	<	>		
All Real N	umbers		No	Solution		$x \ge -$	8	-2 0		
$x > -2$ $\xrightarrow[-6 \ -5 \ -4 \ -3 \ -2 \ -1 \ 0 \ 1 \ 2 \ 3 \ 4]{}$			$X > \frac{1}{4}$	> 6	10 11 12 13 14	→	$x \ge -1$ $\xrightarrow{-6 \ -5 \ -4 \ -3 \ -2 \ -1 \ 0 \ 1 \ 2 \ 3 \ 4}$			
$x \ge -6$	-6 -4 -2	+ → 0	<i>X</i> ≥ ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ←	> -2	0 1 2 3 4	x > 1	4 -3 -2 -1 0	1 2 3 4		

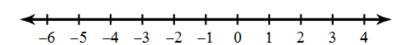
6.
$$-\frac{x}{2} + 5 < 6$$



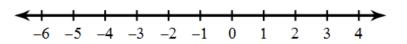
7.
$$\frac{1}{3}x - 3 \ge -5$$



8.
$$4x-2 > 3x+5+x$$



9.
$$6-3x-10+x \le -2x-3$$



Answers										
<u>≤</u>	<u>≤</u>	<u> </u>		<u> </u>		>		<	>	
All Real N	umbers		No	Solution		X =	<u>-</u> 8	8	-2 0	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			→	$x \ge -1$ $\xrightarrow{-6 -5 -4 -3 -2 -1 \ 0 \ 1 \ 2 \ 3 \ 4}$			
$x \ge -6$	-6 -4 -2		X > -6	> -2	0 1 2 3 4	X	>1	4 -3 -2 -1 0	1 2 3 4	→