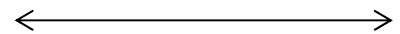
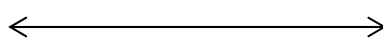


PART I: SOLVE and graph each inequality. Write your final answer in interval notation.

1.  $-13x + 3 \leq -75$

2.  $6(3 + 6x) \geq -90$

3.  $-4(2 - 4x) > 7 + 16x$



Inequality notation:

Interval notation:

Inequality notation:

Interval notation:

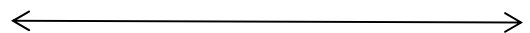
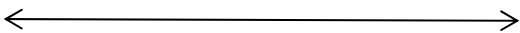
Inequality notation:

Interval notation:

PART II: Graph and state the final solution/inequality. Remember: AND = overlap... OR = everything!!

4.  $x < 5$  OR  $x < 9$

5.  $x \geq -2$  AND  $x > 1$



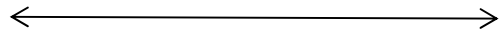
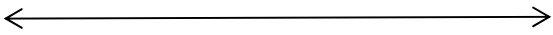
Inequality notation:

Inequality notation:

PART II: Graph and state the final solution/inequality. Remember: AND = overlap... OR = everything!!

6.  $x + 1 < -2$  AND  $-4x < 4$

7.  $2x + 1 \geq -11$  OR  $3(x + 1) \leq 24$

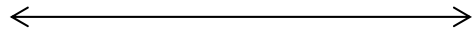
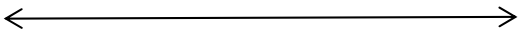


Inequality notation:

Inequality notation:

8.  $10 + 12x > 70$  OR  $-3 + 5x \leq -13$

9.  $7x > -70$  AND  $2x + 2 < -6$



Inequality notation:

Inequality notation: