

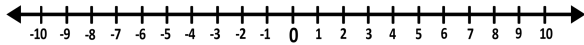
Name: _____



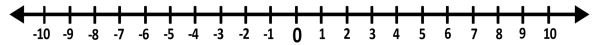
GRAPHING INEQUALITIES ON THE NUMBER LINE

Directions: Graph the solution set of each inequality.

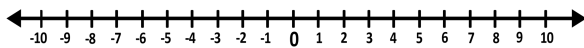
1.) $x < 2$



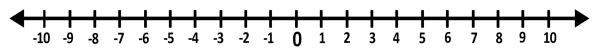
2.) $x \geq -6$



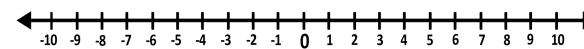
3.) $x + 1 \leq 9$



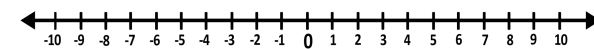
4.) $4x < 12$



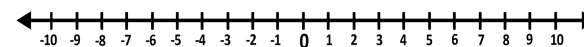
5.) $-2x > 10$



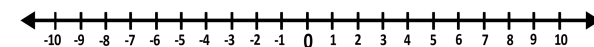
6.) $\frac{x}{4} \geq 2$



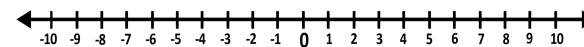
7.) $3x + 6 \leq 12$



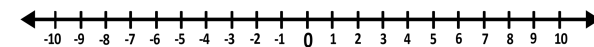
8.) $-x > 4$



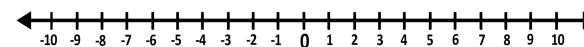
9.) $-6 < x$



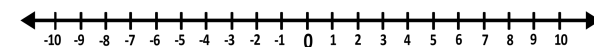
10.) $7 + x \geq 7$



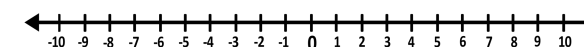
11.) $\frac{x}{2} < -3$



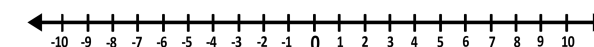
12.) $-6x \geq -12$



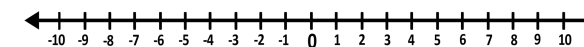
13.) $5 - 2x > -1$



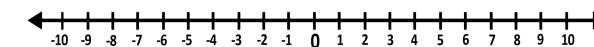
14.) $2x + 8 \leq -10$



15.) $-\frac{x}{8} > -1$



16.) $5 \leq -x$



ANSWER KEY

1.) $x < 2$



2.) $x \geq -6$



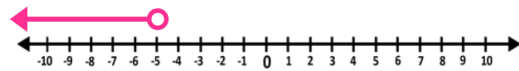
3.) $x + 1 \leq 9$



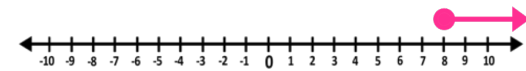
4.) $4x < 12$



5.) $-2x > 10$



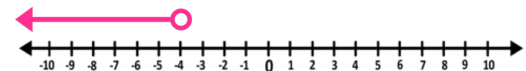
6.) $\frac{x}{4} \geq 2$



7.) $3x + 6 \leq 12$



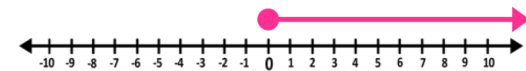
8.) $-x > 4$



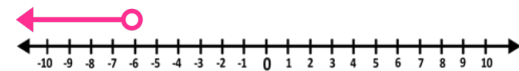
9.) $-6 < x$



10.) $7 + x \geq 7$



11.) $\frac{x}{2} < -3$



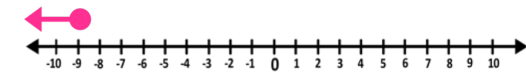
12.) $-6x \geq -12$



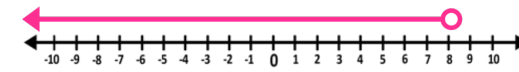
13.) $5 - 2x > -1$



14.) $2x + 8 \leq -10$



15.) $-\frac{x}{8} > -1$



16.) $5 \leq -x$

