

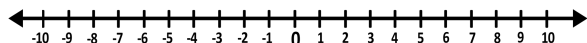
Name: _____



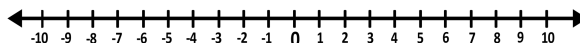
GRAPHING INEQUALITIES ON THE NUMBER LINE

Directions: Graph the solution set of each inequality.

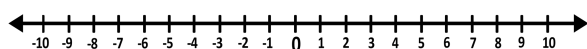
1.) $x < 9$



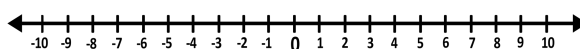
2.) $x \geq -1$



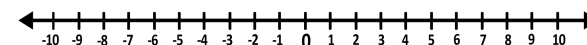
3.) $7 \geq x$



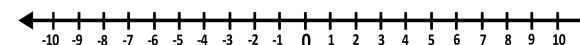
4.) $x - 6 < -2$



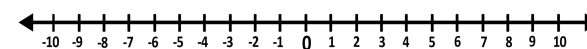
5.) $-x > 5$



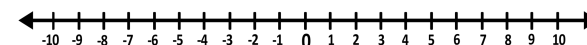
6.) $\frac{x}{3} \geq -3$



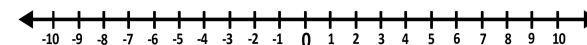
7.) $5x + 2 \leq 17$



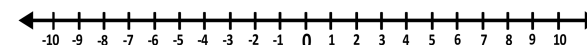
8.) $8 < -x$



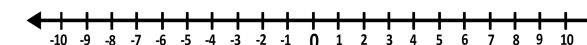
9.) $-4 < x + 1$



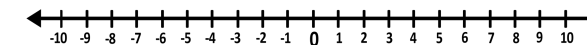
10.) $4 \leq x - 3$



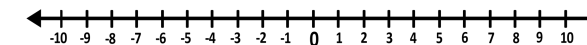
11.) $\frac{x}{4} < 0$



12.) $-8x \geq 24$

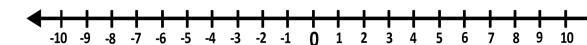


13.) $7 - 2x > -3$

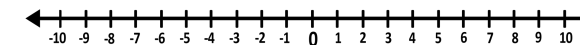


14.) $3x + 9 \leq -12$

15.) $-1 < -\frac{x}{6}$

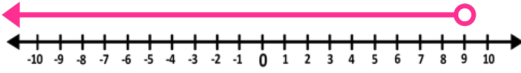


16.) $30 \leq -6x$



ANSWER KEY

1.) $x < 9$



2.) $x \geq -1$



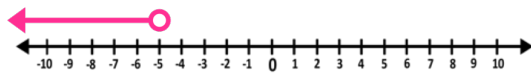
3.) $7 \geq x$



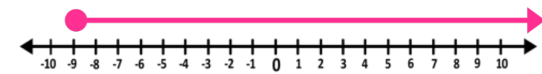
4.) $x - 6 < -2$



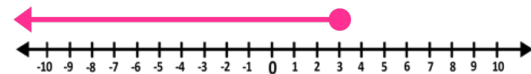
5.) $-x > 5$



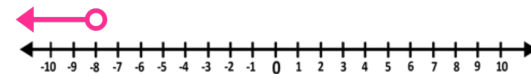
6.) $\frac{x}{3} \geq -3$



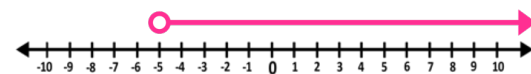
7.) $5x + 2 \leq 17$



8.) $8 < -x$



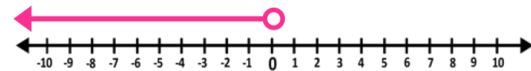
9.) $-4 < x + 1$



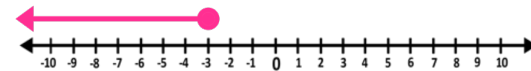
10.) $4 \leq x - 3$



11.) $\frac{x}{4} < 0$



12.) $-8x \geq 24$



13.) $7 - 2x > -3$



14.) $3x + 9 \leq -12$



15.) $-1 < -\frac{x}{6}$



16.) $30 \leq -6x$

