

Practice with Solving and Graphing One Step Inequalities

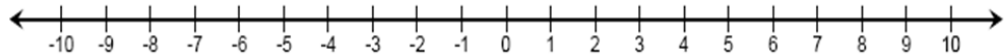
Using Addition, Subtraction, Multiplication & Division

Inequalities are mathematical statements that state two quantities are not equal. We use inequality symbols.

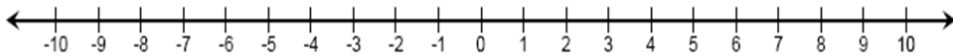
○ Open Circle < Less than, fewer than > Greater than, more than, Open Circle ○

● Closed Circle ≤ Less than or equal to, at most ≥ Greater than or equal to, at least Closed Circle ●

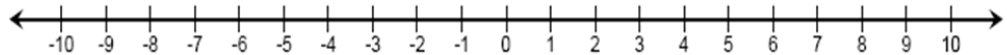
1) $x < 5$



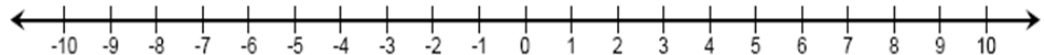
2) $x > 6$



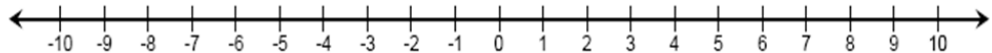
3) $x \leq -5$



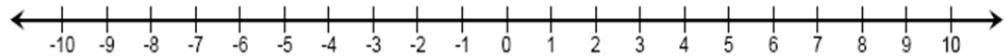
4) $x \geq -4$



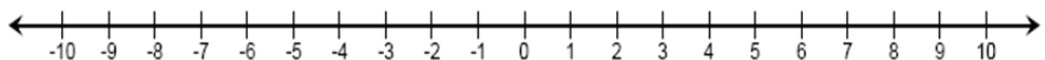
5) $x + 2 \leq -2$



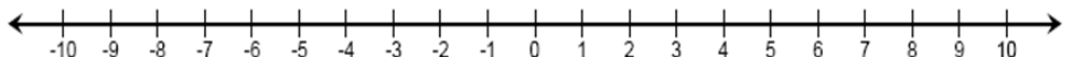
6) $-3 + x > 6$



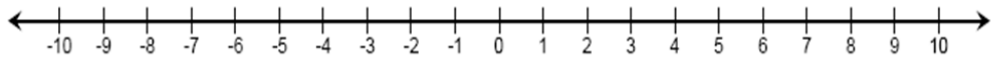
7) $x - 3 \geq 5$



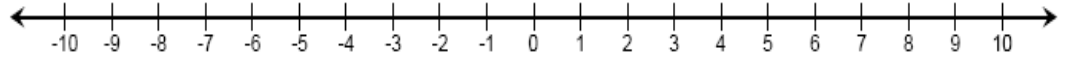
8) $2 < x + 6$



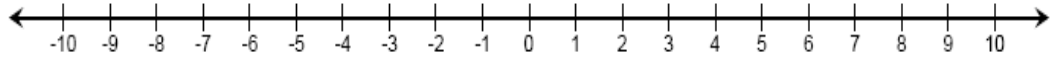
9) $5 > x + 13$



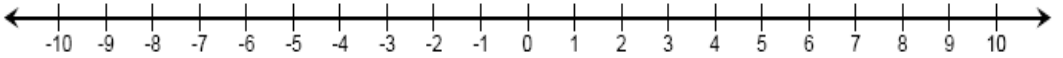
10) $3x \geq 9$



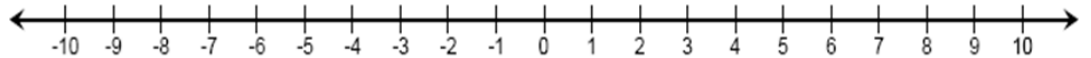
11) $\frac{x}{2} \leq -5$



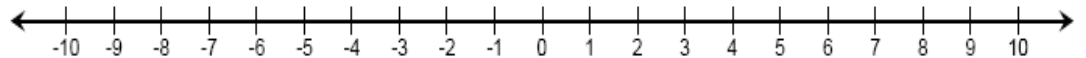
12) $-2x > -12$



13) $-8 \leq 2x$

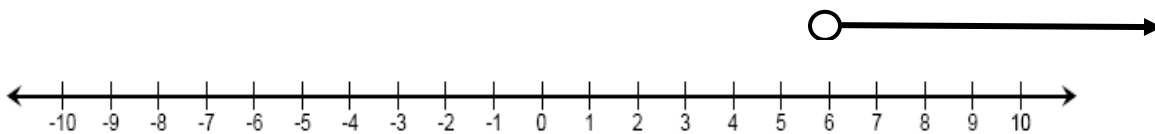


14) $\frac{x}{-3} \leq -3$



Writing inequalities based on the graph. Draw inequality symbol the same direction the arrow is facing. If the circle is filled, add the equal sign underneath.

15) _____



16) _____

