

Name: _____

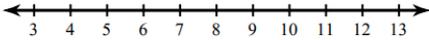
Period: _____

Check all your work using the answers on Google Sites!

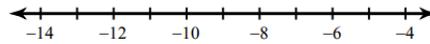
Section 2-1: Single-Sided Inequalities

Solve each inequality algebraically. Graph the solution on the number line provided.

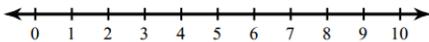
1) $2x + 4 \geq 24$



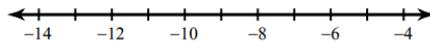
2) $\frac{m}{3} - 3 \leq -6$



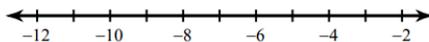
3) $-3(p + 1) \leq -18$



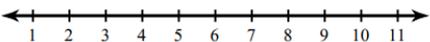
4) $-4(-4 + x) > 56$



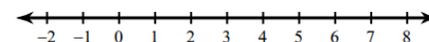
5) $-b - 2 > 8$



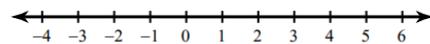
6) $-4(3 + n) > -32$



7) $4 + \frac{n}{3} < 6$



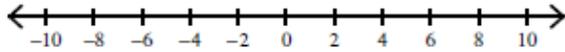
8) $-3(r - 4) \geq 0$



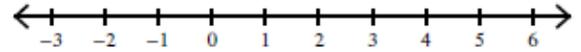
Section 2-2: Combined Inequalities

Solve each inequality algebraically. Write your answer in proper inequality notation. Graph the solution on the number line provided.

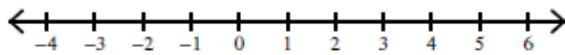
1) $x + 6 \geq 11$ or $x + 3 \leq -2$



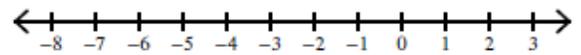
2) $5 \leq b + 5 < 9$



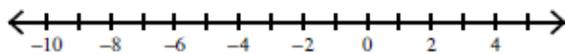
3) $-6 \leq -2n \leq 2$



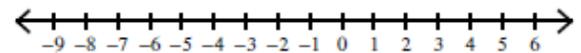
4) $-3 < r + 3 \leq 5$



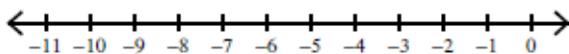
5) $-6 + n \geq -4$ or $\frac{n}{5} < -1$



6) $6r \leq -30$ or $4r \geq 12$



11) $-10x - 9 \geq 11$ and $-11x - 1 \leq 87$



12) $-64 < 6b - 4 < -22$

