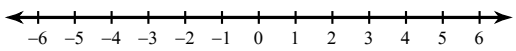
Kuta Software - Infinite Algebra 2 Name_____

Absolute Value Inequalities

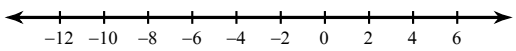
Date_____ Period____

Solve each inequality and graph its solution.

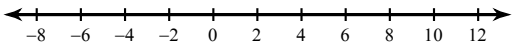
1) $|6n| \leq 18$



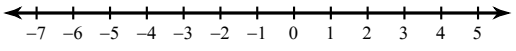
2) $|p + 4| \leq 8$



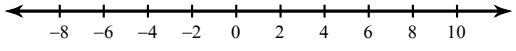
3) $|m - 2| < 8$



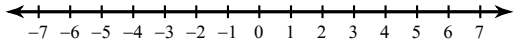
4) $|5x| \leq 10$



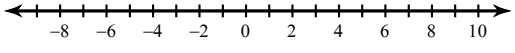
5) $|x| + 5 \geq 11$



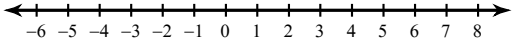
6) $|m| - 2 > 0$



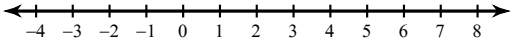
7) $|r| - 3 > 2$



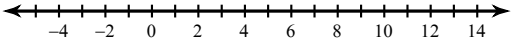
8) $|n| + 2 \geq 5$



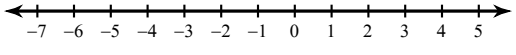
9) $|x - 2| - 5 < -2$



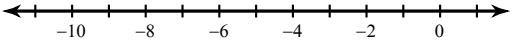
10) $|x - 4| - 3 < 5$



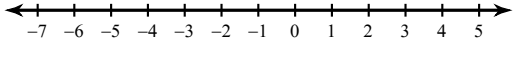
11) $1 + |1 + b| < 4$



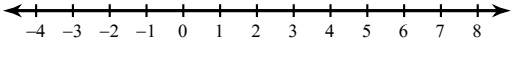
12) $|v + 5| - 6 < -5$



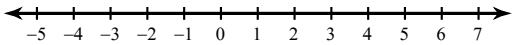
13) $|10p - 4| < 34$



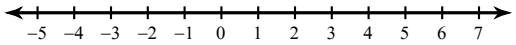
14) $|6 + 9x| \leq 24$



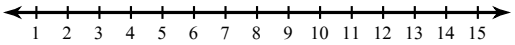
15) $\left|-8a-3\right| > 11$



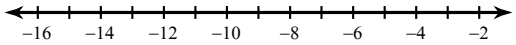
16) $\left|1-4k\right| \geq -11$



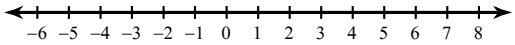
17) $9\left|m-8\right| - 10 < 26$



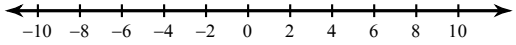
18) $9\left|x+8\right| + 10 < 55$



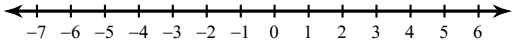
19) $9\left|r-2\right| - 10 < -73$



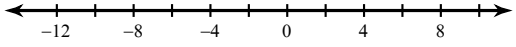
20) $7\left|\frac{n}{3}\right| - 9 < 12$



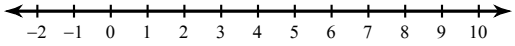
21) $2\left|10b+7\right| - 1 > 73$



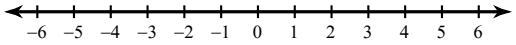
22) $7 + \left|6v+7\right| \leq 60$



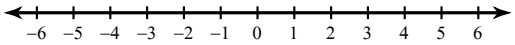
23) $4\left|6-2a\right| + 8 \leq 24$



24) $9\left|3n-2\right| + 6 > 51$



25) $3 + 4\left|3x+7\right| \geq -89$



26) $9\left|1+8n\right| - 3 \geq 78$