Kuta Software - Infinite Algebra 2

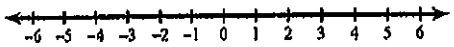
Name_____

Absolute Value Inequalities

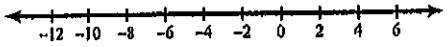
Date_____ Period____

Solve each inequality and graph its solution.

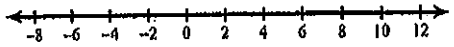
1) $|6n| \leq 18$



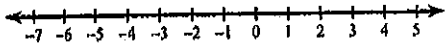
2) $|p+4| \leq 8$



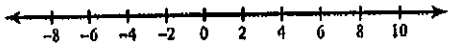
3) $|m-2| < 8$



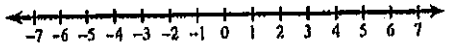
4) $|5x| \leq 10$



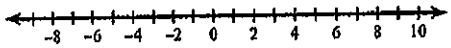
5) $|x| + 5 \geq 11$



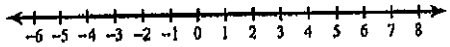
6) $|m| - 2 > 0$



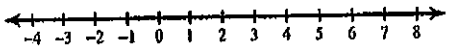
7) $|r| - 3 > 2$



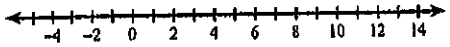
8) $|n| + 2 \geq 5$



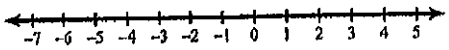
9) $|x-2| - 5 < -2$



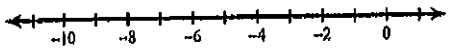
10) $|x-4| - 3 < 5$



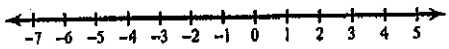
11) $1 + |1 + b| < 4$



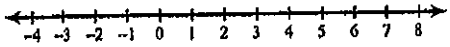
12) $|v+5| - 6 < -5$



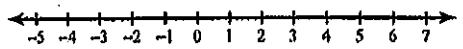
13) $|10p - 4| < 34$



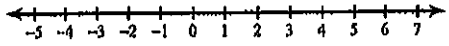
14) $|6 + 9x| \leq 24$



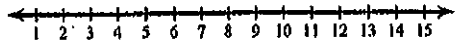
15) $|-8a-3| > 11$



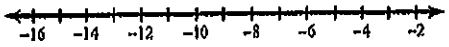
16) $|1-4k| \geq -11$



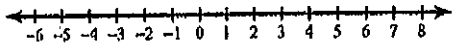
17) $9|m-8|-10<26$



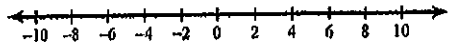
18) $9|x+8|+10<55$



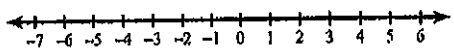
19) $9|r-2|-10<-73$



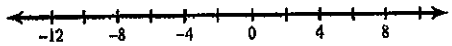
20) $7\left|\frac{n}{3}\right|-9<12$



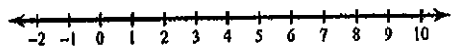
21) $2|10b+7|-1>73$



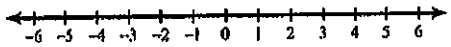
22) $7+|6v+7| \leq 60$



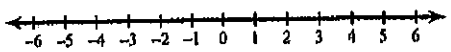
23) $4|6-2a|+8 \leq 24$



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



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



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