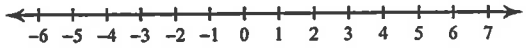
Algebra 1 Name_____

Absolute Value Inequalities in One Variable

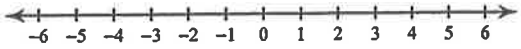
Date_____

Solve each inequality and graph its solution.

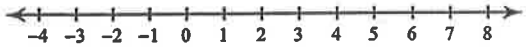
1) $|6r| \leq 24$



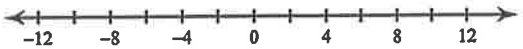
2) $|v-1| \leq 4$



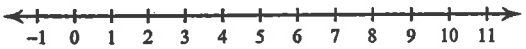
3) $|b-2| > 1$



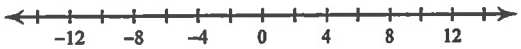
4) $\left|\frac{v}{5}\right| < 2$



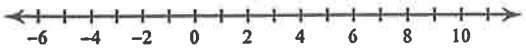
5) $|v-6| > 2$



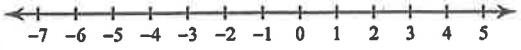
6) $|2-4x| \geq 42$



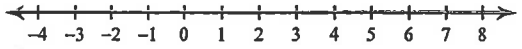
7) $|-4x+9| \geq 19$



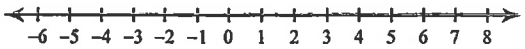
8) $|10x-7| < 37$



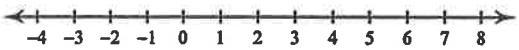
9) $|10+9n|<-8$



10) $|10-5x|>15$

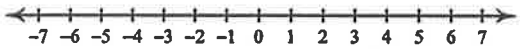


11) $|-2n+5|+8<17$

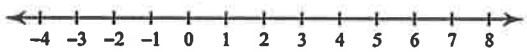


12) $|8+2r|-8\le 6$

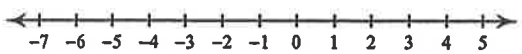
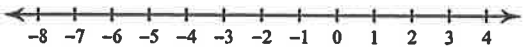
13) $2|5n-2|\le -4$



14) $-6-|6-10p|<28$



15) $\dfrac{|-8+10x|}{8}\ge 1$



16) $-6-8|-3-9n|<-54$