Algebra 1 Name_____

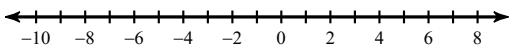
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3-7B: Absolute Value Inequalities

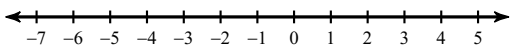
Date_____ Period____ Table_____

Solve each inequality and graph its solution.

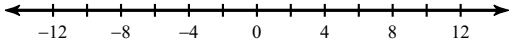
1) $1 + |b| > 6$



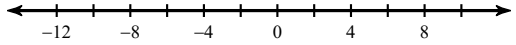
2) $-7|k| > -14$



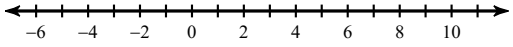
3) $\frac{|n|}{8} \geq 1$



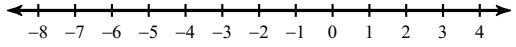
4) $|x| - 9 > -1$



5) $-8|a - 3| < -32$

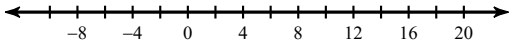


6) $|b + 1| + 2 \geq 3$

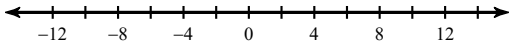


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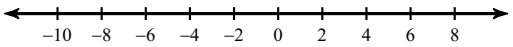
7) $\left|x-4\right|-2>10$



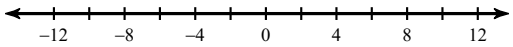
8) $\left|\frac{x}{10}\right|+1>2$



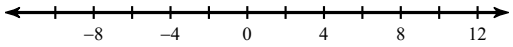
9) $7+6\left|x\right|<55$



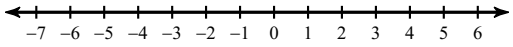
10) $9\left|a\right|+4>76$



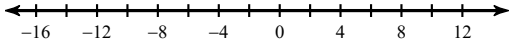
11) $\frac{\left|-2x-1\right|}{4}\geq 4$



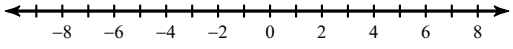
12) $-4\left|2-6a\right|\leq -80$



13) $\left|8+3n\right|+5>37$



14) $-5+\left|1+7n\right|\geq 29$



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