

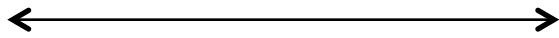
Name: _____

Period: _____ Date: _____

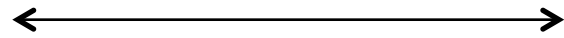
Absolute Value Inequalities

Section I. Solve the absolute value inequality and graph the solution.

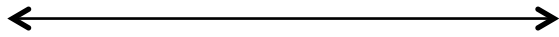
1. $|x| > 5$



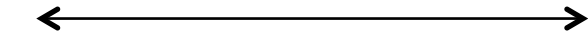
2. $|x| \leq 12$



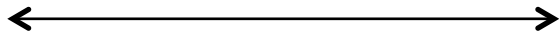
3. $|x| < -7$



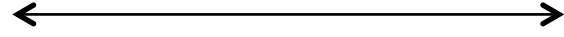
4. $|x| \geq -\frac{3}{2}$



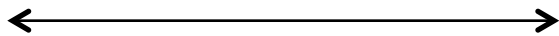
5. $|x + 6| < 8$



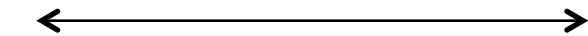
6. $|x - 9| > -15$



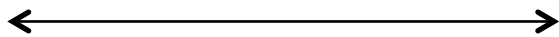
7. $|7x| \geq 42$



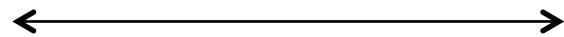
8. $|-8x| > 56$



9. $|3x - 8| < 10$



10. $|4x + 6| < 22$



11. $|5 - 2x| \leq 17$

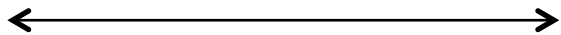
12. $|6x - 1| \geq 11$



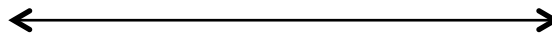
13. $3|-7x| \geq 42$



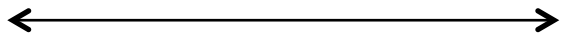
14. $-5|8 - x| < -35$



15. $13 - |x - 4| \leq 5$



16. $4\left|\frac{4}{5}x\right| - 4 > 28$



Section II. Write an absolute value equation for the given inequality.

