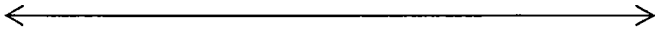


AA WS 3.2

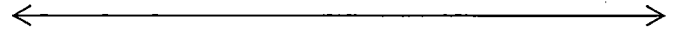
Name: _____

Solve each inequality & graph your solution. Show all work to receive credit.

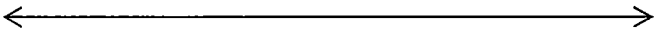
1. $x + 1 > 10$



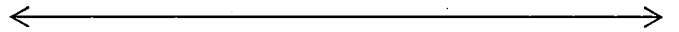
2. $-5 > x - 1$



3. $x - 2 \geq -6$



4. $8 < x + 2$



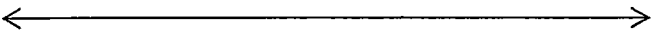
5. $-1 < -4 + x$



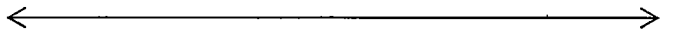
6. $-\frac{2}{3} > x - 4$



7. $3.2 > -1.3 + x$



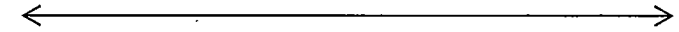
8. $x - \frac{3}{8} < \frac{1}{8}$



9. $x + 5 \geq -3$

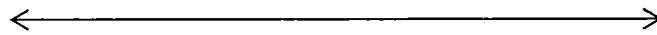
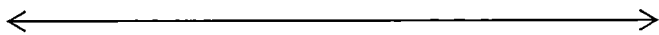


10. $-2 \geq 4 + x$



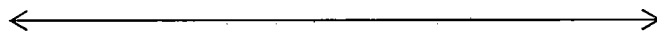
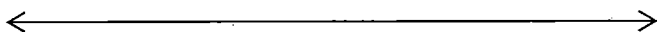
11. $x - 3 \leq 4$

12. $-5 < 1 + x$



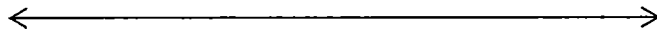
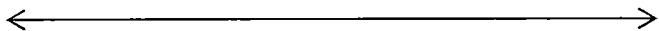
13. $7.5 + x < 13$

14. $2.75 \geq x - 2$



15. $\frac{1}{4} \geq x + \frac{3}{4}$

16. $x + \frac{3}{8} < -\frac{1}{8}$



17. Your goal is to take at least 10,000 steps per day. According to your pedometer, you have walked 5274 steps. Write and solve an inequality to find the possible numbers of steps you can take to reach your goal.

18. You earn \$250 per month from your part time job. You are in a kayaking club that costs \$20 per month, and you save at least \$100 each month. Write and solve an inequality to find the possible amounts that you have left to spend each month.