

Name: _____

Date: _____

Solve Linear Inequalities by adding and subtracting

Solve each inequality and graph it on a number line.

1. $m - 3 < -17$	2. $-9 + d > 9$	3. $-0.11 \leq n - (-0.04)$
4. $7h - 1 \leq 6h$		

Solve each inequality. Then check your solution.

5. $3x + \frac{4}{5} \leq 4x + \frac{3}{5}$	6. $6w + 4 \geq 5w + 4$
7. $0.8x + 5 \geq 6 - 0.2x$	8. $-x - 11 \geq 23$

**Define a variable, write an inequality, and solve each problem.
Then check your solution.**

9. The sum of a number and 5 is at least 17.

10. Twenty-one is no less than the sum of a number and -2.