

Name: \_\_\_\_\_

## Solving Multi - Step Inequalities

Solve each inequality.

1)  $3x+4 \leq 2(x-1)$

2)  $7x+13 > 12x-7$

3)  $3(x+10) \geq 7+5x$

4)  $2(x+8) \geq 3+4x$

5)  $\frac{x-1}{3} - \frac{x+1}{2} + 1 > \frac{2}{3} - \frac{x}{6}$

6)  $\frac{3x}{2} + \frac{2x}{3} - \frac{5}{6} \leq \frac{x}{3} - \frac{x}{2} + \frac{1}{3}$

7)  $\frac{x-1}{3} - \frac{x+1}{2} + 1 > \frac{2}{3} - \frac{x}{6}$

8)  $2x-1 + \frac{x}{2} \geq \frac{3x+1}{2} + x$

9)  $\frac{x}{2} - \frac{3}{4} \geq \frac{3x}{2} + \frac{1}{4}$

10)  $\frac{3x-1}{2} - x < \frac{2x-1}{5} + \frac{x-1}{10}$