**You must SHOW ALL WORK to receive full credit.**

**Simplify:**

1. $\left(2x^{2}+5x-1\right)+(x^{2}-5x+1)$ 2. $\left(2x^{2}-7x-6\right)-(5x^{2}-9x+5)$

**Solve and graph the compound inequalitities.**

3. $-8\leq -3x+10<4$

4. $-4+2x\geq 8 or 3-x>8$

5. **Graph the inequality.**

$y>\frac{2}{3}x-3$

 $y\leq -5x+1$

 Solution: \_\_\_\_\_\_\_\_\_

 Check: