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

1. Solve the system:

 $3x+3y=24$

 $2x+ y=13$

**Simplify the following expressions.**

2. $(x^{-3}y^{2})(x^{6}y^{-5})$ 3. $\frac{3x^{4}}{9x^{-6}}$

**Solve and graph the inequalitites.**

4. $2x-8>6x$

5. $3\leq 10-7x$