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

**Simplify.**

1. $\frac{12x^{-6}y^{4}}{18x^{5}y^{}}$ 2. $(4x^{-2})(-2x^{5})^{2}$

**Solve and graph the inequalitity.**

3. $-3\left(x-3\right)\geq 5-4x$

**Solve and graph the compound inequalitities.**

4. $5x-3>7 or 4x-6<-10$

5. $-9\leq 3x+6\leq 18$