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

**Solve the system by elimination.**

1. $4x+y=21 $

 $-2x+6y=9$

**Solve the system by substitution.**

2. $y=2x-1$

 $2x+2y=22$

**Simplify the following expression.**

3. $\frac{(3x^{8})^{2}(4x^{-3})}{(6x^{5})^{2}}$

**Solve and graph the inequalitites.**

4. $6x+7>19$

5. $2\left(x+2\right)-3x\leq -1$