QUIZ 3 - MATH 102 YOUR NAME:____

Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. Graph the solution set of the inequality $2x - 5y \leq -10$. Please label all important points clearly on your graph.

2. Using either substitution or elimination (your choice), solve the 2×2 system of linear equations

$$\left\{\begin{array}{rrrr} x & - & 5y & = & -5\\ 10x & + & 3y & = & 30 \end{array}\right\}$$