Math 100
American River College
Quiz 4

Name:		

Student ID:

- Show all work
- No notes, books, or calculators allowed.
- Write answers in lowest terms when possible
 - 1. (4 points) Show that (1,3) satisfies the system of equations below.

$$\begin{cases} y = 2x + 1 \\ y = -x + 4 \end{cases}$$

2. (6 points) Graph the linear inequality.

$$y \le 2x - 1$$