

- ❖ 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.

$$y \leq 2x - 1$$