

Name:

Show all your work in order to receive maximum credit. No work, no credit.

1. Find the x and y intercepts of the following equation. [4 points]

$$-3x + 4y = 16$$

2. Find the equation of the line containing the points $(-4, -1)$ and $(2, -6)$. [6 points]

3. Find the equation of the line containing the point $(7, -3)$ and perpendicular to $-3x + y = 2$. [8 points]