

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]

$$-4x + 8y = 16$$

2. Find the equation of the line containing the points $(-8, -1)$ and $(6, -6)$. [6 points]

3. Find the equation of the line containing the point $(2, -6)$ and perpendicular to $-7x + y = 1$. [8 points]