

Name: _____

Date: _____

Algebra II
Homework 1

Problem 1. Find the equation of the line passing through the point $(1, 1)$ and perpendicular to the line $2x + 3y = 5$.

Problem 2. Find the equation of the line passing through the point $(2, 3)$ and perpendicular to the line $y = -2x + 3$.

Problem 3. Find the equation of the line passing through the point $(3, 4)$ and perpendicular to the line $7x - 2y = 1$.