MATH 260, Homework 1, Fall '14 Due: August 29, 2014 at 2:20 PM $\,$

Honor Code:

Name: Section:

1) How many solutions does each of the following linear systems have? What are they? (Notice that the only difference between the systems is one coefficient!)

2) (5 pts) Given two linear equations in three variables, what are the possibilities for the numbers of solutions (such as "there could be two or five solutions")?