Name: _____

Systems of Equations Word Problems

Date: _____ Period: ____

1) Rosalia spent $63.5 on shirts. Fancy shirts cost $28 and plain shirts cost $15. If she bought a total of 7 shirts how many of each kind did she buy?

2) There are 13 animals in the barn. Some are chickens and some are pigs. There are 40 legs in all. How many of each animal are there?

3) A farmhouse shelters 10 animals. Some are pigs and some are ducks. Altogether there are 26 legs. How many of each animal are there?

4) A class of 110 students went on a field trip. They took 7 vehicles, some vans and some buses. Find the number of vans and the number of buses they took if each van holds 9 students and each bus holds 40 students.