Name: Date:

## Systems of Linear Equations - Word Problems

1. You are selling tickets for a high school basketball game. Student tickets cost $\$ 3$ and general admission tickets cost $\$ 5$. You sell 350 tickets and collect $\$ 1450$. How many of each type of ticket did you sell?
2. At an Italian bistro, the cost of 2 plates of spaghetti and 1 salad is $\$ 27.50$. The cost for 4 plates of spaghetti and 3 salads is $\$ 59.50$. Find the cost of a plate of spaghetti and of a bowl of salad.
3. Simon invests $\$ 1200$ into two savings accounts. One account earns $4 \%$ annual interest and the other earns $5.9 \%$ annual interest. At the end of 1 year, Simon earned $\$ 64.15$ in interest. How much did he invest at each rate?
