**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_**

**Use a system of equations to model each situation. Solve by any method.**

**1.** The sum of two numbers is 30. The sum of the greater number and three times the lesser number is 54. Find the numbers.

**2.** Shopping at Savers Mart, Lisa buys her children four shirts and three pairs of pants for $85.50. She returns the next day and buys three shirts and five pairs of pants for $115.00. What is the price of each shirt and each pair of pants?

**3.** An amusement park charges admission plus a fee for each ride. Admission plus two rides costs $10. Admission plus ﬁve rides cost $16. What is the charge for admission and the cost of a ride?