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

**M8-U5: HW #6 – Solving Systems by Elimination (Day 2) Date: \_\_\_\_\_\_\_\_\_\_\_\_**

**Solve by elimination. Show your work.**

**1.**  **2.** 

**3.**  **4.** 

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

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

**6.** 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?

**7.** 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?