7-3 Story Problems Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_

Write and solve a system of equations for each real-world situation.

1) Suppose your younger brother’s elementary school class sells gift wrap for $4 per package

and greeting cards for $10 per package. The class sells 205 packages in all and receives a

total of $1084. Find the number of packages of gift wrap and the number of packages of

greeting cards sold.

2) The DHS freshmen team sold a total of 292 tickets for a basketball game. An adult ticket

costs $3. A student ticket costs $1. The total collected was $470. Find the number of

adult tickets and the number of student tickets sold.

3) Shopping at Nour’s Clothes Boutique, Megan buys four shirts and three pairs of pants for

$85.50. Hunter buys three shirts and five pairs of pants for $115.00. What is the price of

each shirt and each pair of pants?

4) Hannah’s Bakery sells apple pies for $6.99 and cherry pies for $10.99. The total number of

pies sold on a busy Friday was 36. If the amount collected for all the pies that day was

$331.64, how many of each type were sold?