Practice Systems Word Problems

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. A used bookstore also started selling used CDs and videos. In the first week the store sold 40 total used CDs and videos. The CDs costs $4.00 each and the videos were $6.00 each. The total sales were $180.00. How many videos did the store sell?
2. Tickets to a movie cost $7.25 for adults and $5.50 for students. A group of friends purchased 8 tickets for $52.75. How many adult tickets were purchased?
3. The sum to two numbers is 41 and their difference is 5. What are the numbers?
4. Four times one number added to another number is 36. Three times the first number minus the other number is 20. Find the numbers.
5. At a sale on winter clothing, Cody bought 2 pairs of gloves and 4 hats for $43.00. Tori bought 2 pairs of gloves and 2 hats for $30.00. What are the prices for the gloves and hats?
6. The length of a rectangle is 8 cm more than twice the width. The perimeter is 34 cm. What is the length of the rectangle?
7. The width of a rectangle is 2 cm less than it’s length. The perimeter is 16 cm. What are the dimensions?
8. You have 28 coins that are all nickels and dimes. The value of all the coins is $2.05. How many dimes do you have?
9. Suppose you have $28 in your bank account and start saving $18.25 each week. Your friend has $161.00 in his account and is withdrawing $15 each week. When will your balances be the same?
10. You are thinking about buying one of two cars. A Honda Accord will cost $17,655 and will cost an average of $1,230 for gas and maintenance each month. A Honda Civic will cost $15,900 and cost $1,425 for gas and maintenance each month. After how many months will the cars cost the same?