Name _____   Date _____

Creating Equations and Inequalities - Matching Worksheet

Match the problems to their answers.

_____ 1. In a class total of 65 students. 17 students failed the final exams. Write a statement to the show the number of students that passed?

a. $\frac{x}{14} = y$

_____ 2. Shana bought many dresses for her dances. She has 12 bags on dresses. In each bag there were 5 dresses. She gave one bag to her sister. Write a statement that determines the number of dresses she has left.

b. 400-10=x

_____ 3. A school library has 400 books. If 10 students took a book to read, write a statement to find the remaining books in library?

c. 300

_____ 4. A Coffee shop sells for 3 teas and 2 glasses of milk for every coffee sold. Write an expression to determine the number of items sold.

d. 65 – 17 = x

_____ 5. A person sold 1 pastry for every 4 pizzas and 5 Pepsi bottles. Write an expression to determine the number of items sold.

e. 10x

_____ 6. A shopkeeper sold 1 pen for every, 10 books and 4 book boxes. Write an expression to determine the number of pens sold, if you knew the number of books and book boxes sold.

f. 10

_____ 7. Josephine estimated that he found 200 pennies. He needs $5.00 to take the bus. How many more pennies does he need to find?

g. (12-1)×5=x

_____ 8. Jack works in departmental store. He needs to sell $1,000 of merchandise. He has sold $400. He sells $60 of merchandise a month. Find the number of months Jack needs to complete the target?

h. 5

_____ 9. Sara wants to her reduce weight. Her present weight is 75 kg. She is determined to be 65 kg. Every month she loses 2 kg weight. In how many months will she lose 10 kg of weight?

i. 6x