

Name _____

Date _____

1. Mr. Baggy owns a pet store.

He counted 10 goldfish in a big tank and 5 goldfish in a small tank. He sold 8 goldfish out of the big tank. How many goldfish did he have left in all? Explain your answer using a labeled math drawing and a number sentence.

Mr. Baggy had _____ goldfish.

2. Write the numbers that make the number sentences true.

a. $12 - 9 = \underline{\quad}$

$11 - 8 = \underline{\quad}$

$15 - 6 = \underline{\quad}$

b. $9 + \underline{\quad} = 13$

$8 + \underline{\quad} = 12$

$12 = \underline{\quad} + 7$

- c. Write a related subtraction fact for each of the three problems in the last row in the spaces below.

3. Write a number bond in each number sentence to show how to use ten to subtract. Draw 5-groups and some ones to show each subtraction sentence.

a. $13 - 9 = 4$

b. $12 - 8 = 4$

- c. Use your pictures and numbers to explain how both subtraction problems equal 4.

4. Mr. Baggy also has 9 birds, 15 snakes, and 12 turtles.
- a. Show the number of snakes as a ten and some ones with a number bond, a 5-group drawing, and a number sentence.

- b. Mr. Baggy sold some snakes. Now, he has 5. How many snakes did he sell? Explain your solution using a number bond or a math drawing. Write a number sentence. Complete the statement.

Mr. Baggy sold _____ snakes.

- c. Mr. Baggy sold 8 turtles. How many turtles does he have left? Explain your solution using a number bond or a math drawing. Write a number sentence. Complete the statement.

Mr. Baggy has _____ turtles left.

- d. Mr. Baggy's daughter says she can find the number of turtles Mr. Baggy has left using subtraction or addition. Show two ways Mr. Baggy's daughter can solve this problem.

- e. As Mr. Baggy gets ready to close his pet store for the day, he needs to know how many animals he has altogether. How many birds, snakes, and turtles does Mr. Baggy have left in his store altogether? Explain your solution using number bonds or math drawings. Write a number sentence. Complete the statement.

Mr. Baggy has _____ animals left.

- f. True or false: You will get a different answer if you add 9 and 5 first, then add 4, than if you add 9 and 4 first, then add 5. (Circle one.) **True** **False**
Use pictures or words to show how you know.

