



Summer Package
Grade 1 entering Grade 2
Week1
2020-2021

Week 1 grade 1:

1. There are 9 ducks swimming along in a line. There are 2 grown-up ducks, and the rest are babies. How many of the ducks are babies?

a. Explain your thinking using pictures, numbers, or words.

b. Write a number sentence that shows how you solved the problem.

2. Jennifer says you can use addition to solve subtraction.

She says to solve $9 - 6 = \square$, just add $9 + 6$.

Explain how Jennifer is right **and** wrong using words, pictures, and numbers.

3. Jeremy is confused about this problem: $\square = 10 - 8$. Be his teacher. Write two addition number sentences that might help him understand and solve it. Explain to Jeremy using words, pictures, or numbers, too.

4. At the park, there are 6 friends playing baseball. Some more friends come. Now, there are 10 friends playing.

a. How many friends come to play with the first 6 friends? Explain your thinking using a math drawing, numbers, and words.

b. Write an addition sentence and a subtraction sentence to match the story.

c. Write the addition sentence you found when solving the problem, and use the same 3 numbers to write 3 more number sentences:

5. 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.

6. 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.

7. 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.

8. 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.

