

# Welcome to Munchable Math!

I'm Chef Digit, and I LOVE numbers! There are so many things you can do with numbers! You can put them together in all different combinations, just like the ingredients in a recipe. If you add a little of one and a lot of another, you get something brand new. We're going to learn what happens when we add the numbers 1-12. This week, we'll add the number 9 to the number 1, the number 2, and so on all the way up until we add 9 to the number 12. Don't worry—it's not as hard as it sounds. As a matter of fact, it's really fun! I'll show you all my number recipes. I just know you're going to love them!

When we're done adding the numbers, we're going to practice subtracting them. Have you ever gotten too much food on your plate and had to put some back? That's like subtracting. We're going to take 9 away from the numbers 10 through 21. It's just like addition only backward!

Before we're done, we'll look at some math stories and see how we can use math recipes every day. Are you ready? Let's practice number facts with some pretzels. There are all kinds of pretzels that are delicious to eat, but I really like the big, soft baked kind. What kind do you like?



# Addition



Let's start with addition. If you have nine pretzels and you get one more pretzel, how many pretzels will you have altogether? If you have nine pretzels and you get two more pretzels, how many pretzels will you have altogether? Trace the numbers below, including the answer. Then try to solve the next one for yourself. You can do it!

$$9 + 1 = 10$$



+



=



$$9 + 1 =$$

$$9 + 2 = 11$$



+



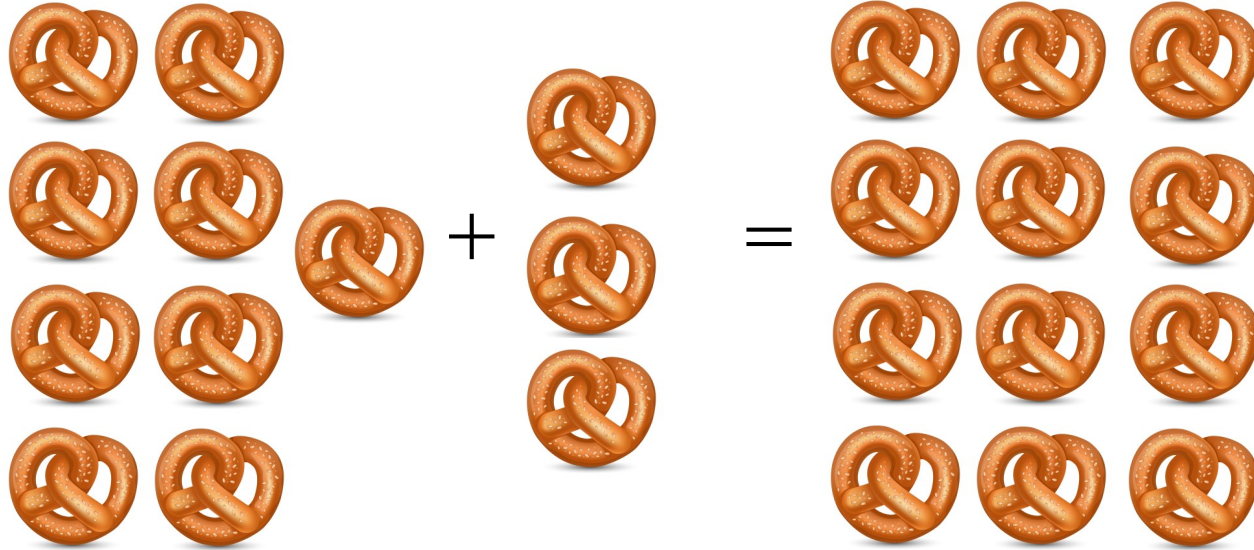
=



$$9 + 2 =$$

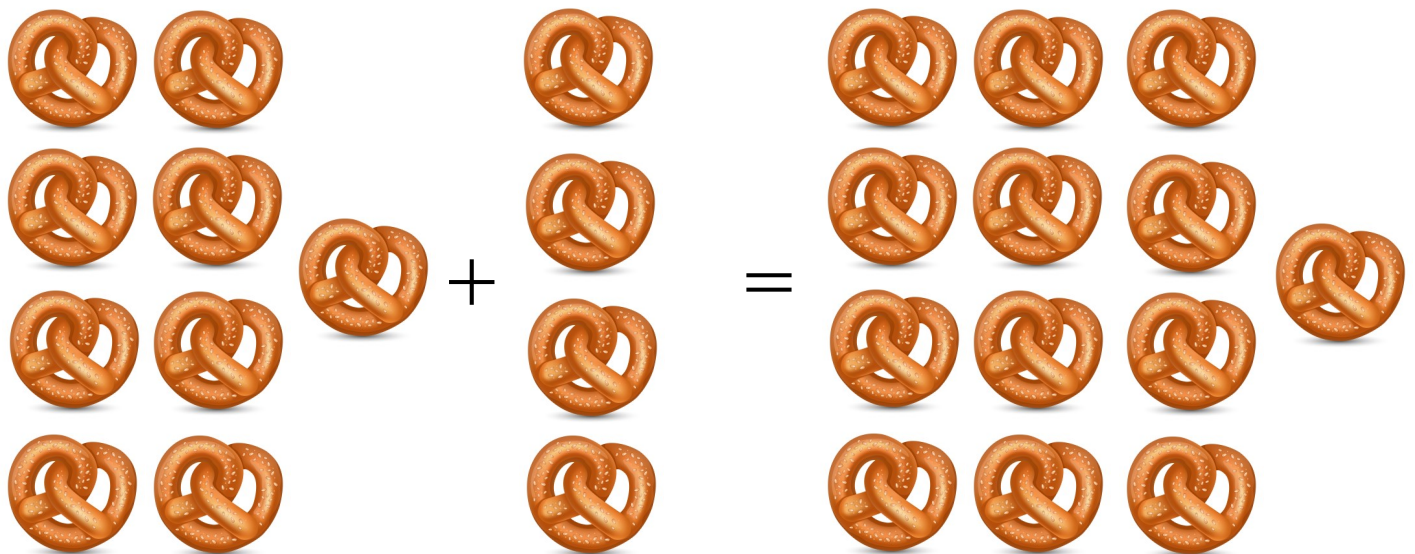


$$9 + 3 = 12$$

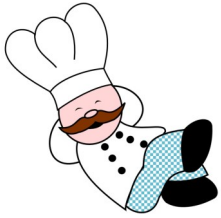


$$9 + 3 =$$

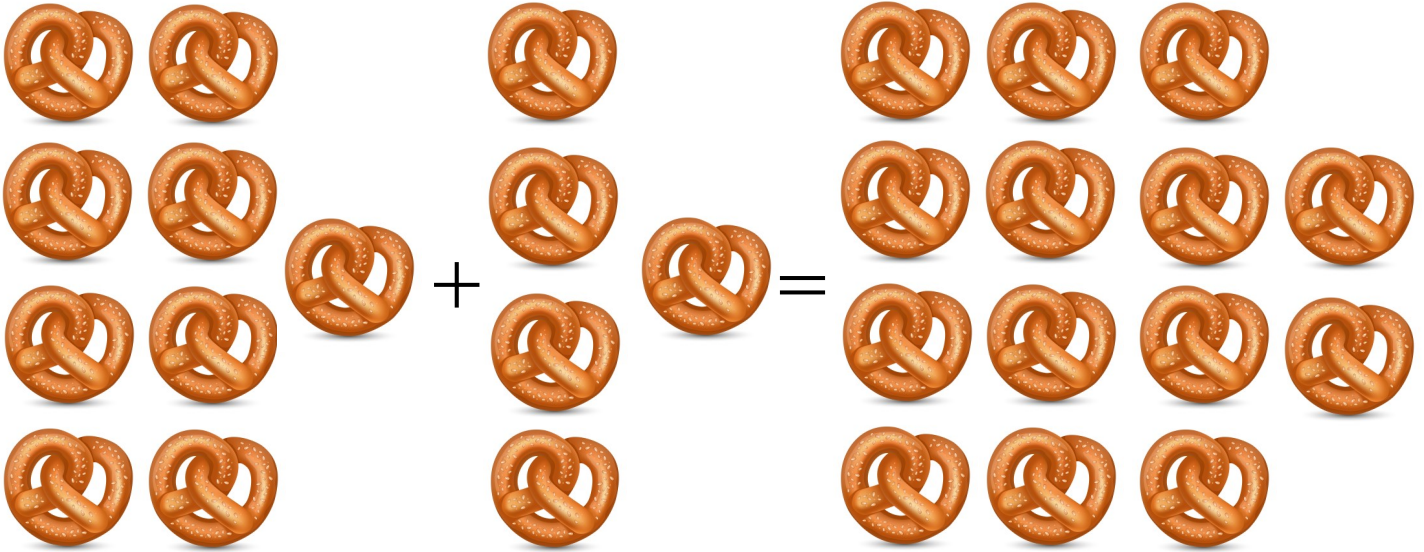
$$9 + 4 = 13$$



$$9 + 4 =$$

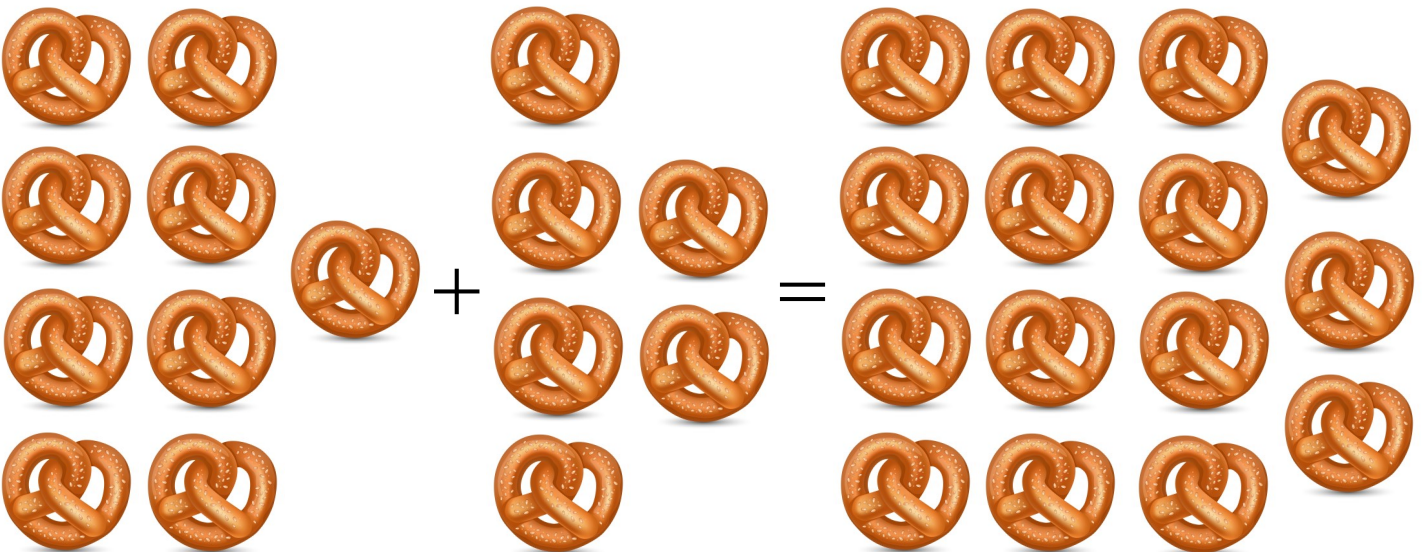


$$9 + 5 = 14$$



$$9 + 5 =$$

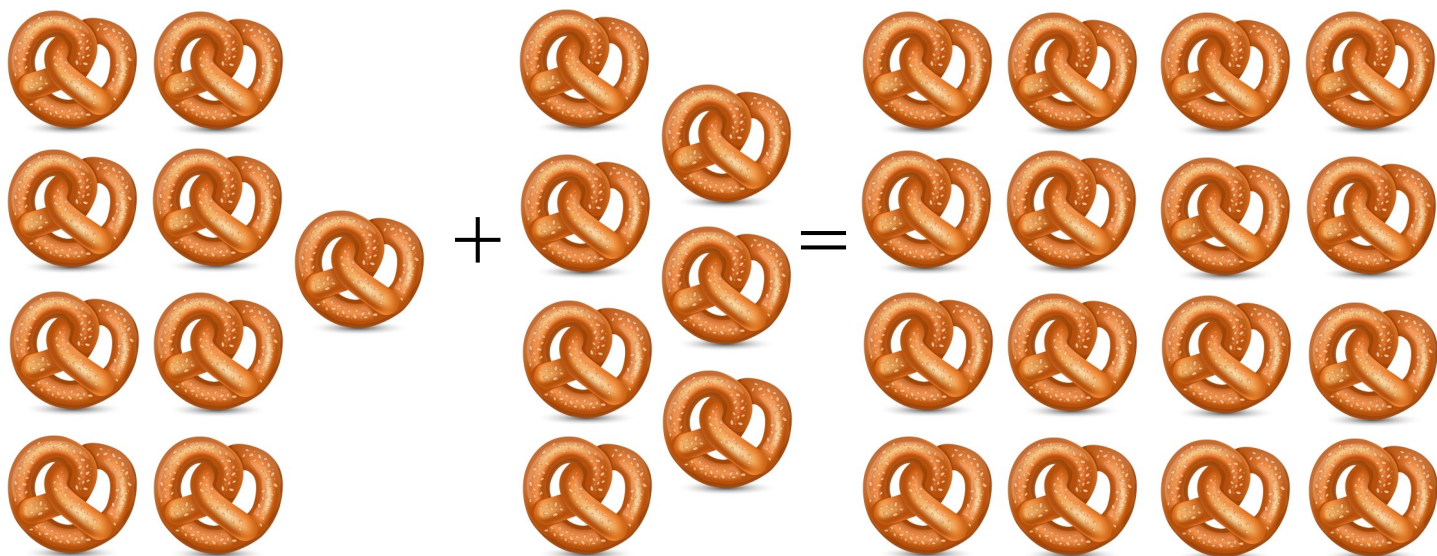
$$9 + 6 = 15$$



$$9 + 6 =$$

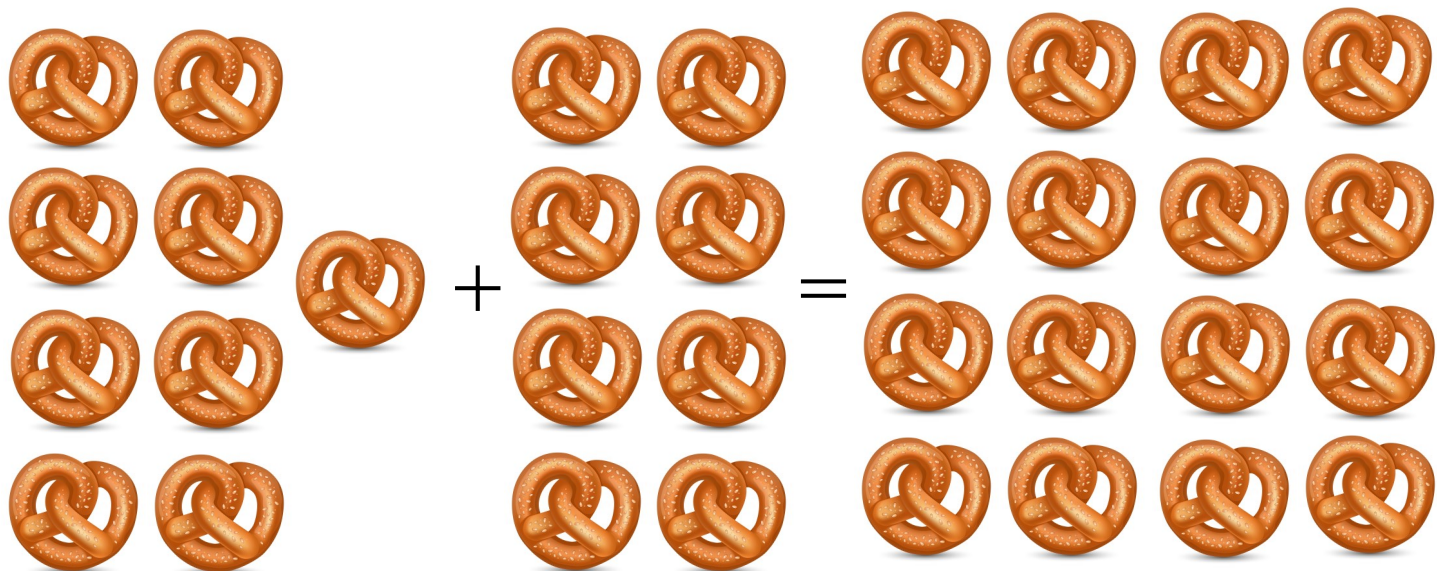


$$9 + 7 = 16$$



$$9 + 7 =$$

$$9 + 8 = 17$$



$$9 + 8 =$$





9 + 9 = 18



+



=



9 + 9 =

9 + 10 = 19



+



=



9 + 10 =



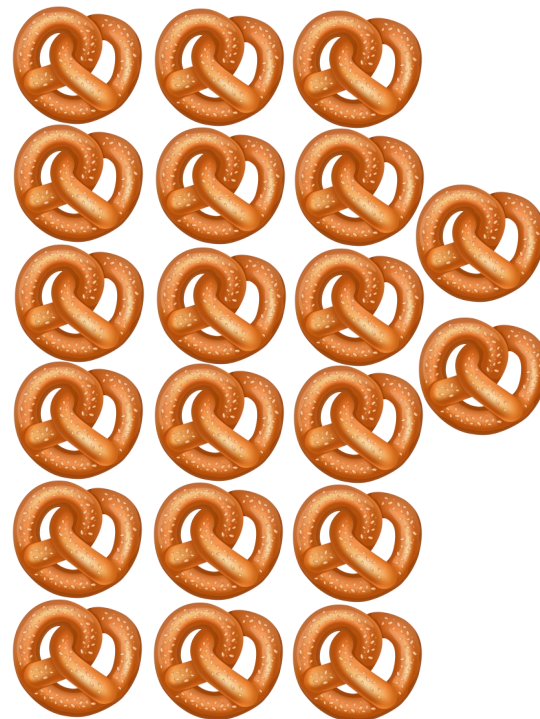
$$9 + 1 = 10$$



+



=



$$9 + 1 =$$

$$9 + 2 = 11$$



+



=



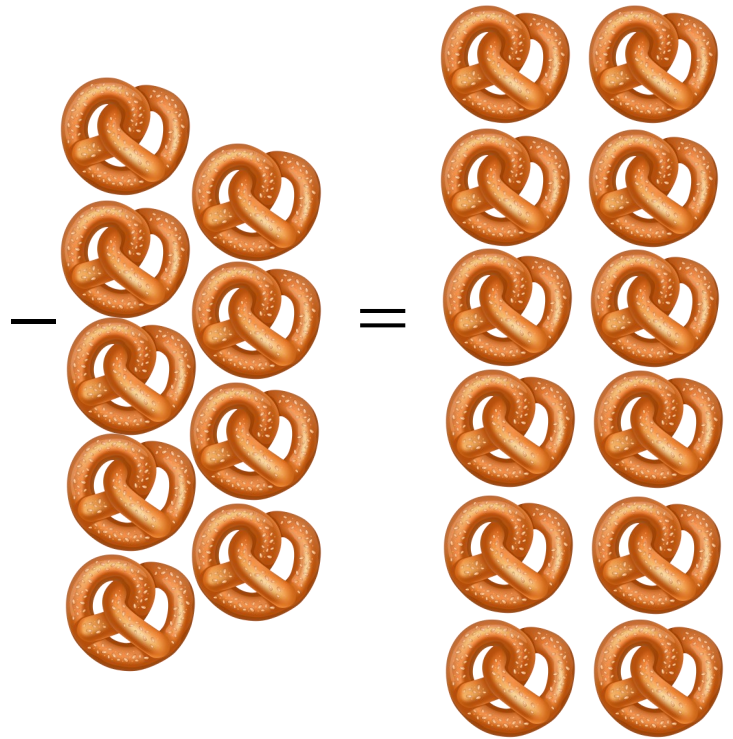
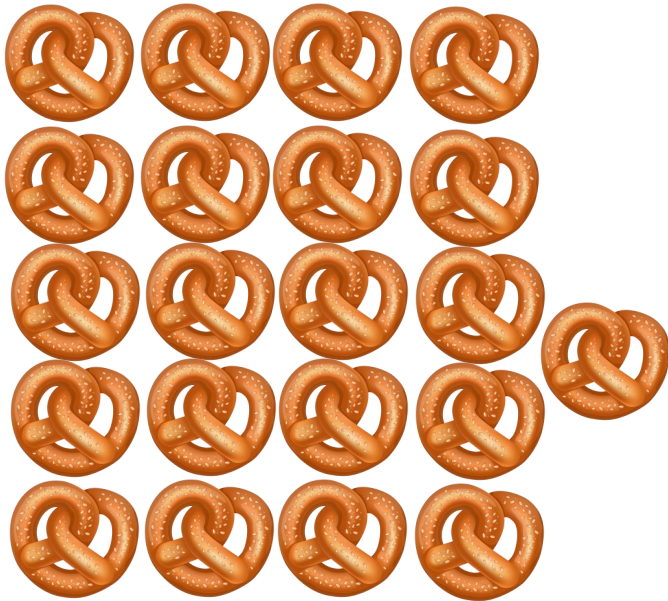
$$9 + 2 =$$

# Subtraction



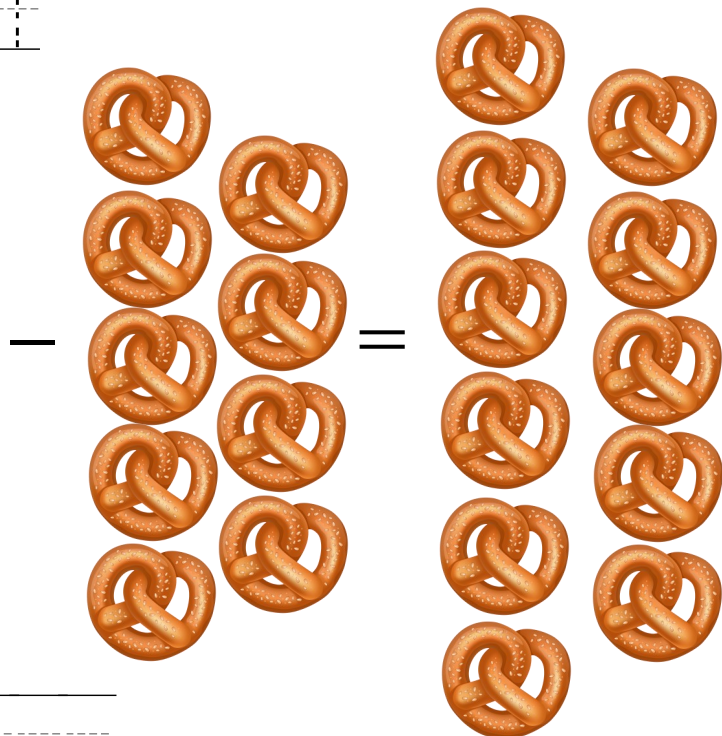
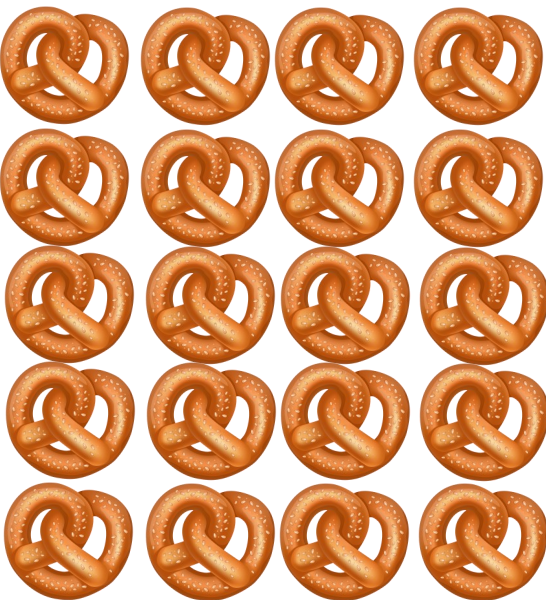
Next is subtraction. If you have twenty-one pretzels and you eat nine of them, how many pretzels will you have left? Trace the numbers below, including the answer. Then try to solve the next one for yourself. You can do it!

$$21 - 9 = 12$$



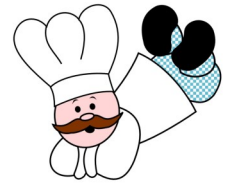
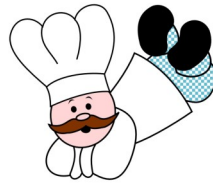
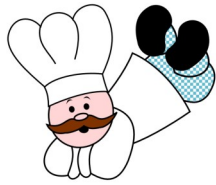
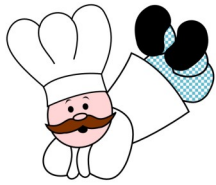
$$21 - 9 =$$

$$20 - 9 = 11$$



$$20 - 9 =$$





$$19 - 9 = 10$$



-

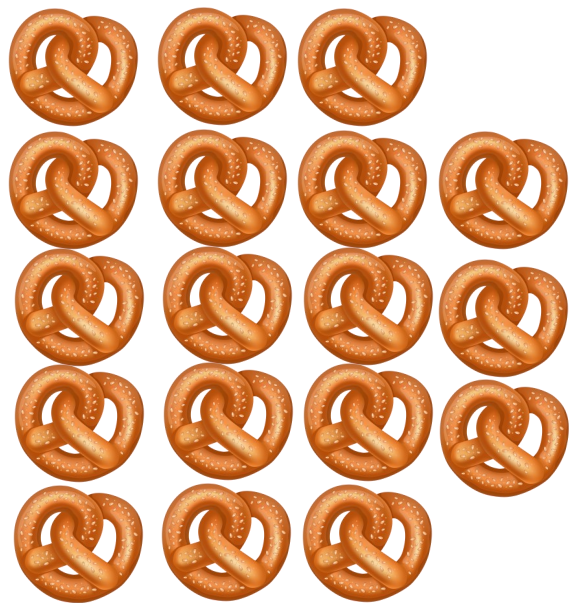


=



$$19 - 9 =$$

$$18 - 9 = 9$$



-



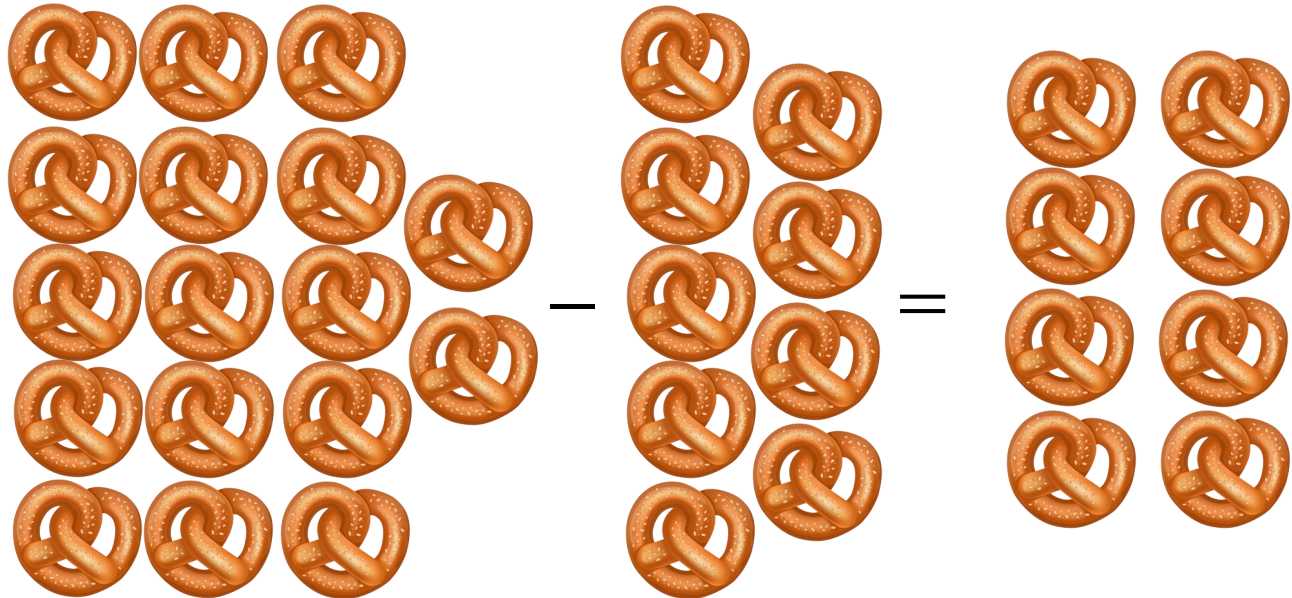
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$$18 - 9 =$$

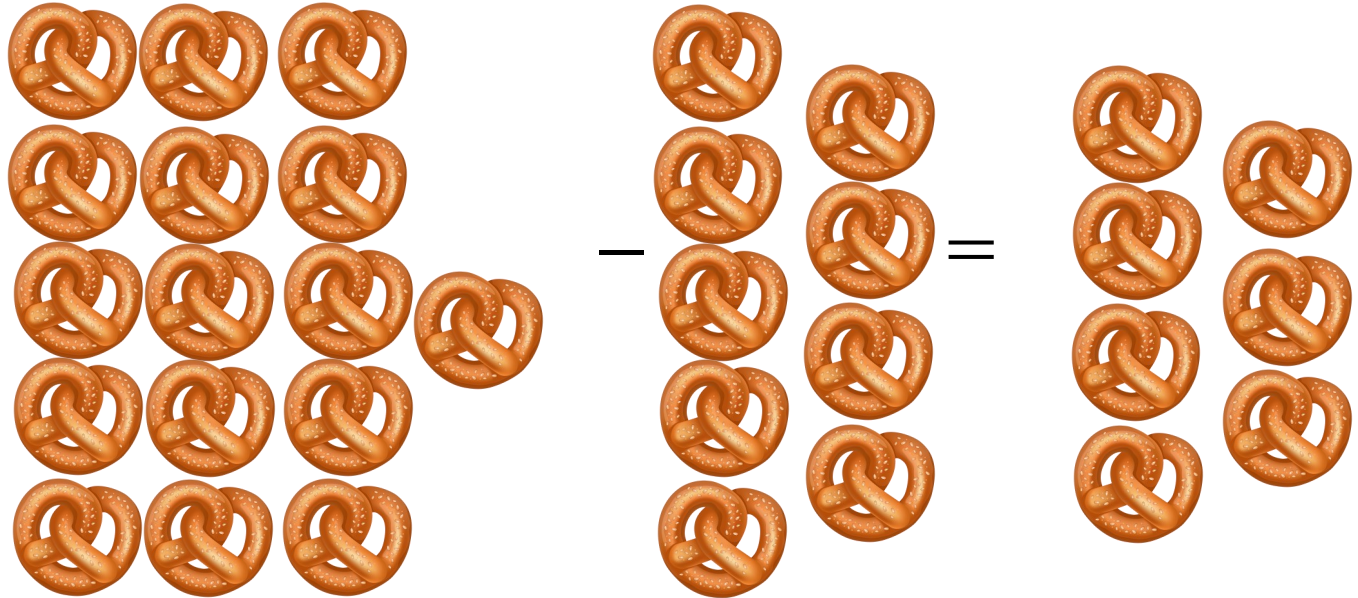


$$17 - 9 = 8$$

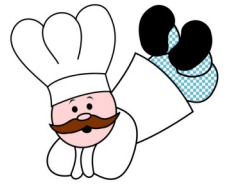
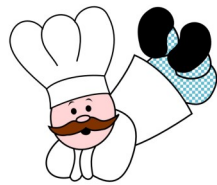
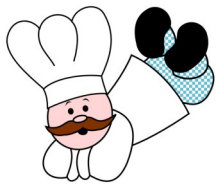
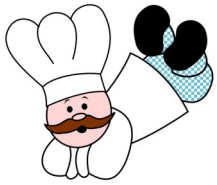


$$17 - 9 =$$

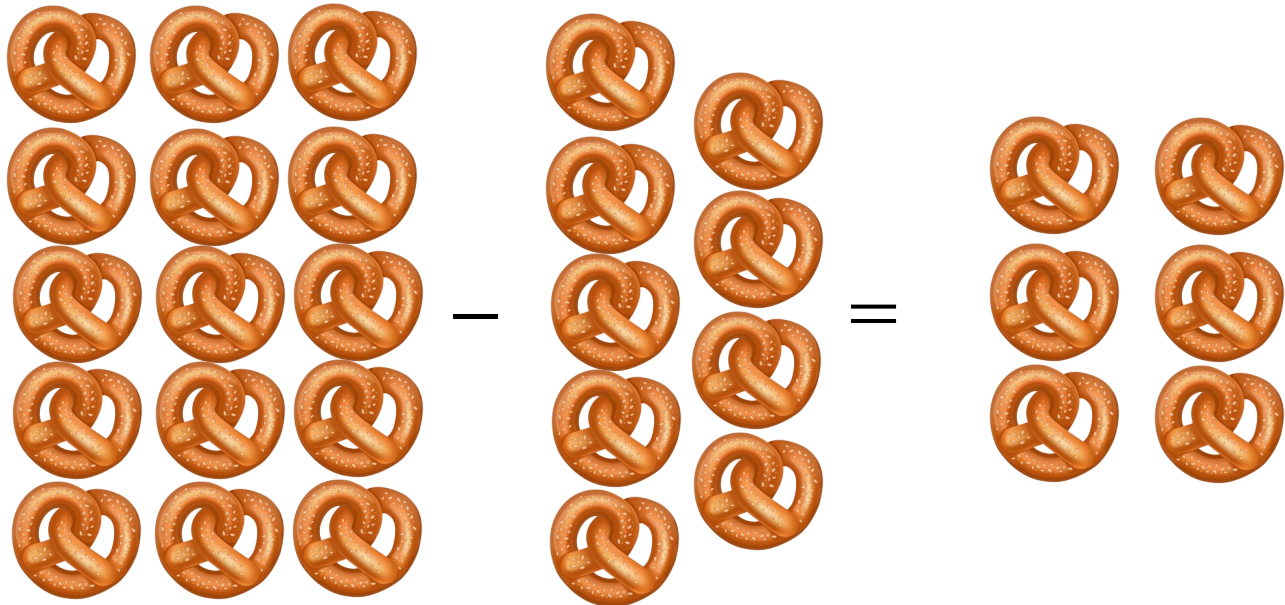
$$16 - 9 = 7$$



$$16 - 9 =$$

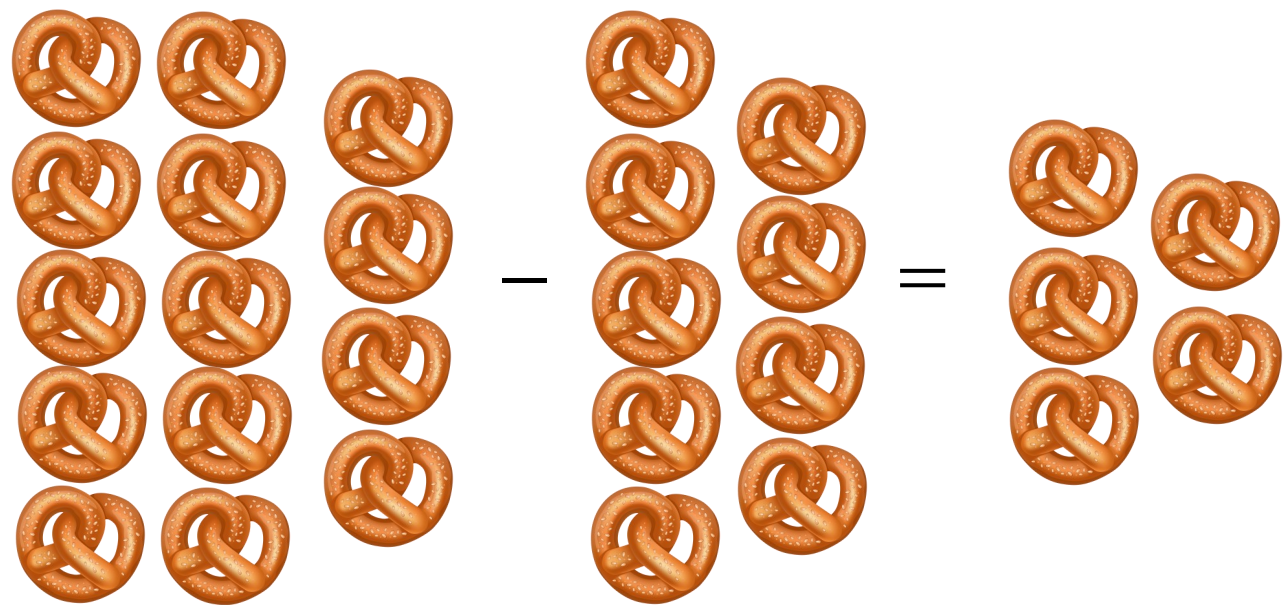


$$15 - 9 = 6$$

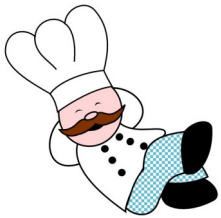


$$15 - 9 =$$

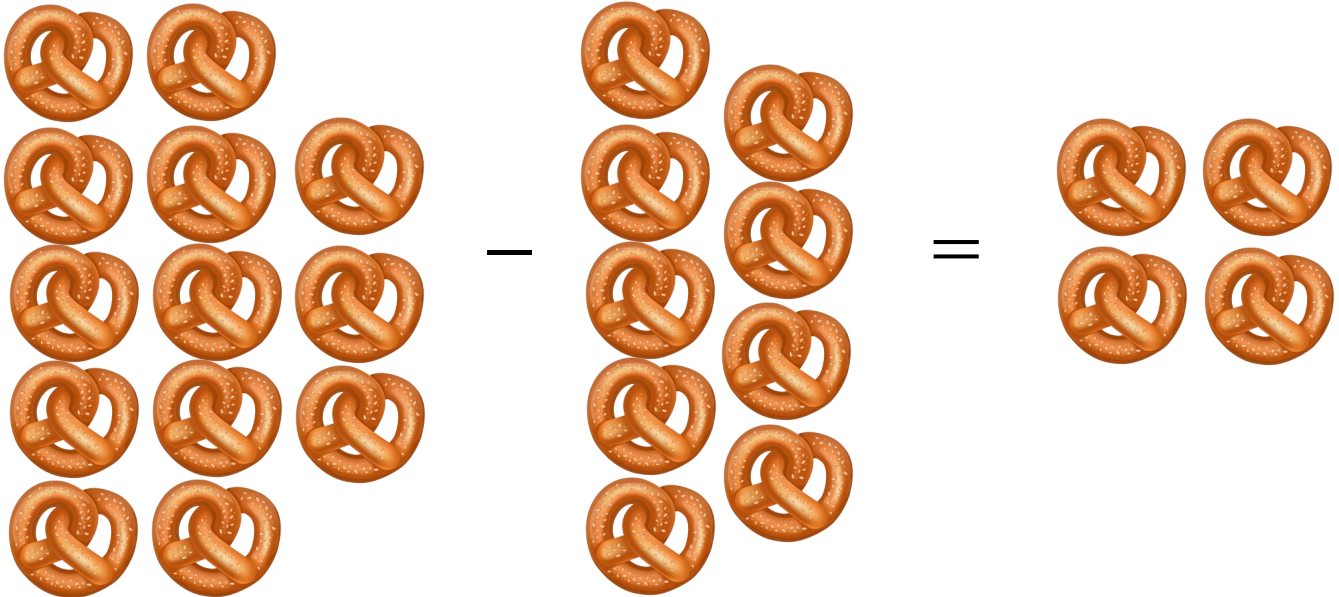
$$14 - 9 = 5$$



$$14 - 9 =$$

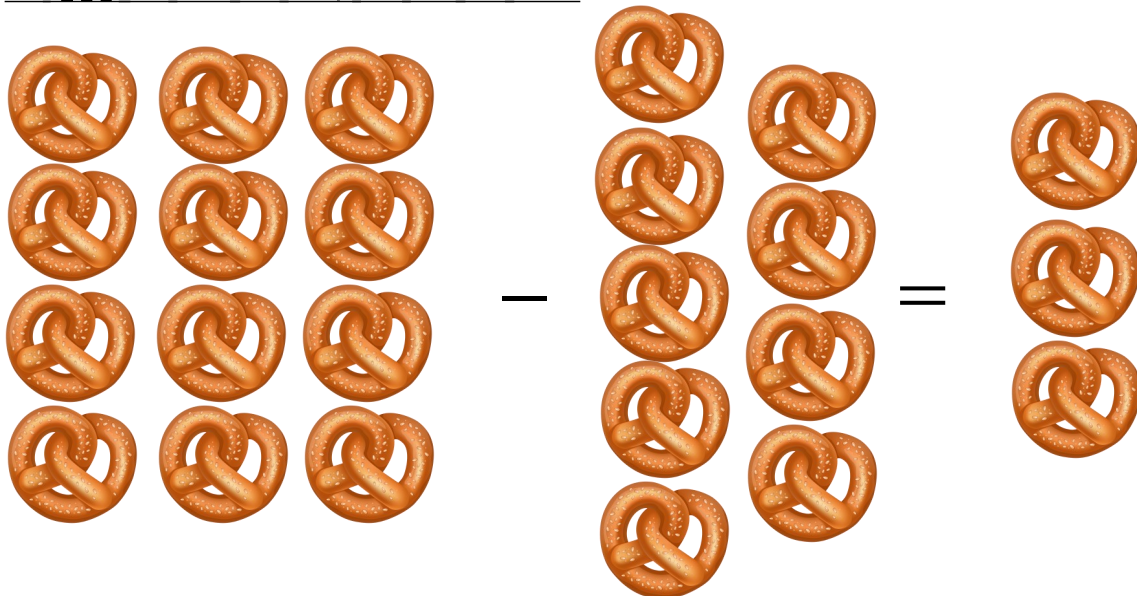


$$10 - 6 = 4$$



$$13 - 9 = \underline{\quad}$$

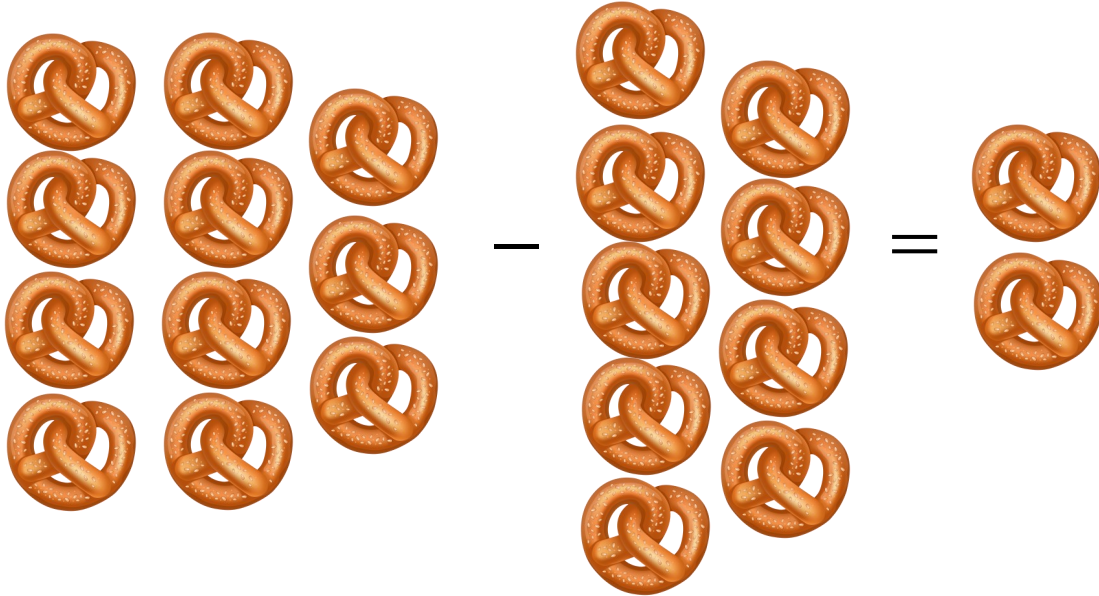
$$12 - 9 = 3$$



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

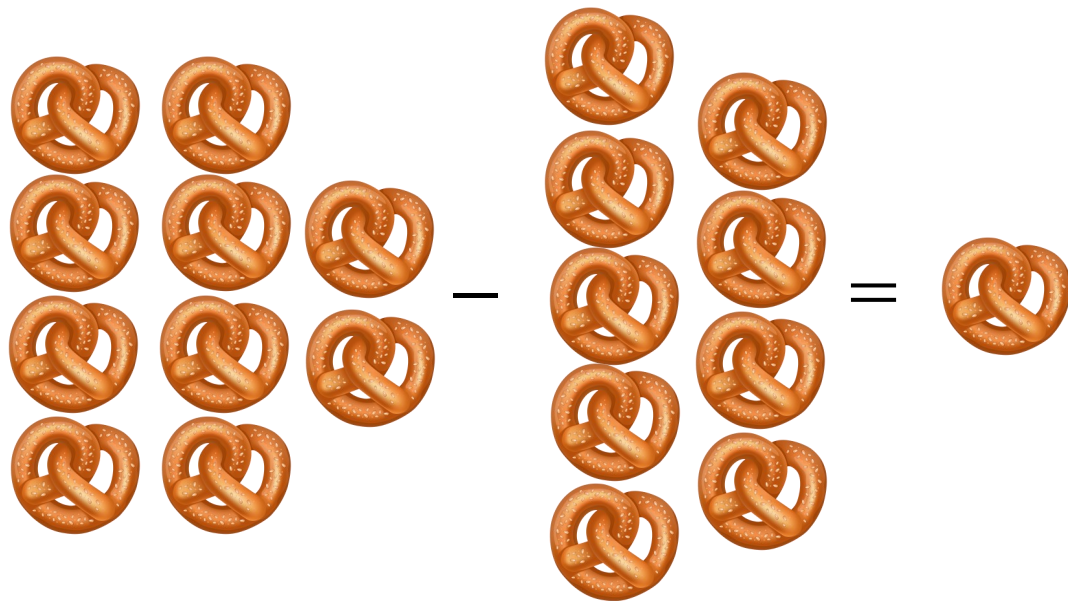


$$11 - 9 = 2$$



$$11 - 9 =$$

$$10 - 9 = 1$$



$$10 - 9 =$$

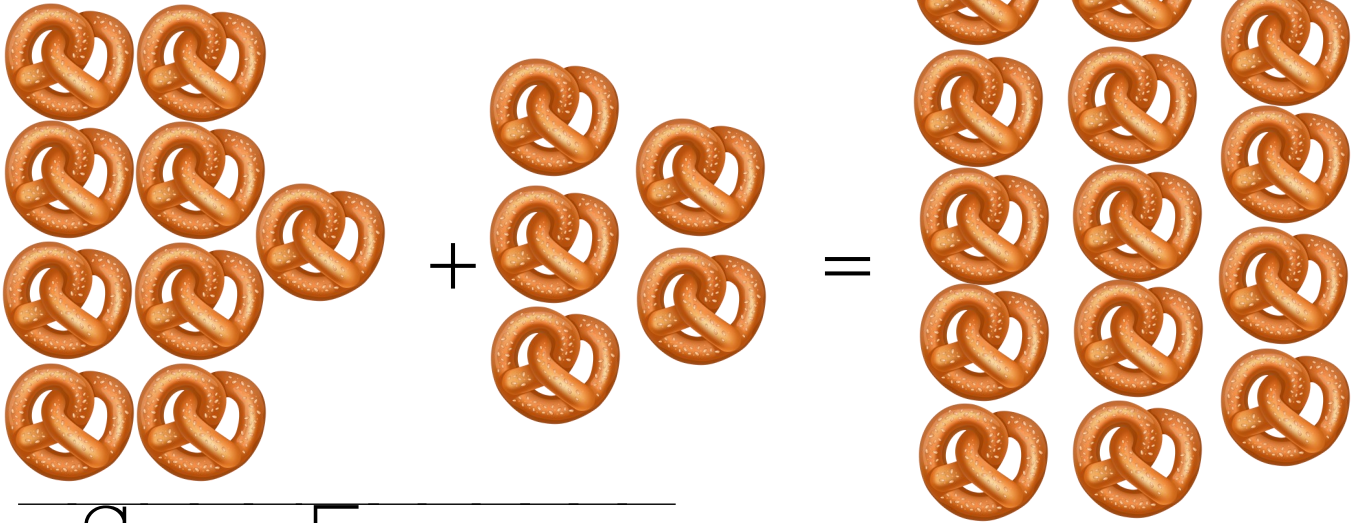
# Math Stories



Knowing number facts is very important, but what is even more fun is using those numbers! We'll try some addition stories first. Follow all the directions for each problem below. You can do it!

When Mom was baking pretzels for Misty's friends, she thought there were only 9 people who were going to be there, including Misty. Then Misty told her she had invited 5 more friends. How many pretzels did Mom have to bake to give everyone 1 pretzel each?

$$9 + 5 = 14$$

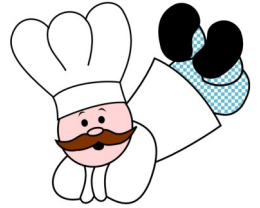


$$9 + 5 =$$

Casey was getting pretzels ready to share with her friends Beth, Mary, Ann, and Helen. She had 9 pretzels ready. Then she found out that her cousin Carrie was coming too. She needed 3 more pretzels so everyone could have 2 pretzels each. How many pretzels did Casey need altogether? Draw the pretzels to show the problem.

$$9 + 3 =$$

$$9 + 3 =$$



Mabel wanted to bake pretzels for her family. There were 9 members in her family. Then, she found out that her grandmother and grandfather were coming over. How many pretzels did Mabel have to get ready altogether? Draw the pretzels to show the problem. Write the problem on the lines under the pictures of pretzels you draw.

$$9 + 2 =$$

$$+ =$$

Susan was helping to bake pretzels for the baked good sale at her church. She had already baked 9 pretzels and wanted to bake 12 more. How many pretzels did Susan bake altogether? Do all the steps to show this problem.

$$+ =$$

$$+ =$$

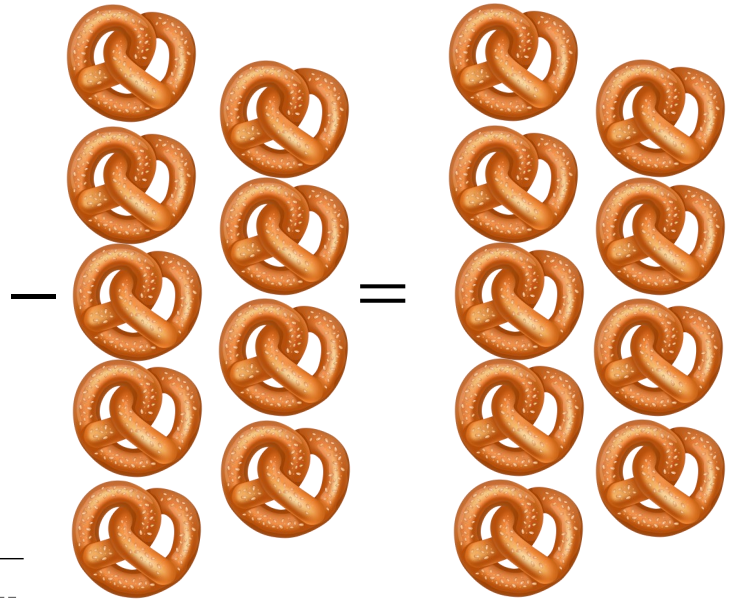
# Math Stories



Now it's time to try some math stories that use what we learned about subtraction. Follow all the directions for each problem below. You can do it!

There were 18 pretzels on a plate on the table. Matthew and his friends ate 9 of them. How many pretzels were left on the plate?

$$18 - 9 = 9$$



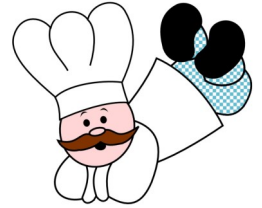
$$18 - 9 =$$

Mom baked 17 pretzels for John and his friends to eat. When John found out that some of his friends could not come over, Mom put 9 pretzels back for a snack at another time. How many pretzels did John and his friends have to eat? Draw the pretzels to show the problem.

$$17 - 9 = 8$$

$$17 - 9 =$$





The recipe for pretzels said you were supposed to get 20 pretzels from one batch. Susan needed 9 pretzels for her friends to eat. How many pretzels will Susan have left over? Draw the pretzels to show the problem. Write the problem on the lines under the pictures of pretzels you draw.

$$20 - 9 =$$

$$- =$$

Jamie likes to bake. She baked 16 pretzels for her family. If her family ate 9 of them, how many did Jamie have left over for another time? Do all the steps to show this problem.

$$- =$$

$$- =$$