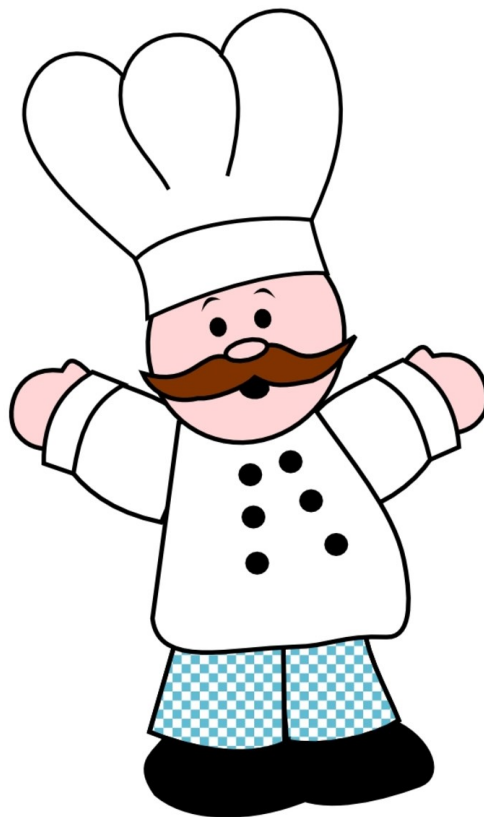


Welcome to Munchable Math!

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 3 to the number 1, the number 2, and so on all the way up until we add 3 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 3 away from the numbers 4 through 15. 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 Christmas cookies that we need to put icing on for Christmas!



Addition



Let's start with addition. If you have three cookies that are already iced and you have one more to put icing on, how many will you have when you are finished? If you have three cookies that are already iced and you have two more to put icing on, how many will you have when you are finished? Trace the numbers below, including the answer. Then try to solve the next one for yourself. You can do it!

$$3 + 1 = 4$$



+



=



$$3 + 1 =$$

$$3 + 2 = 5$$



+



=



$$3 + 2 =$$



$$3 + 3 = 6$$



+



=



$$3 + 3 = \underline{\quad}$$

$$3 + 4 = 7$$



+



=



$$3 + 4 = \underline{\quad}$$



$$3 + 5 = 8$$



+



=



$$3 + 5 =$$

$$3 + 6 = 9$$



+



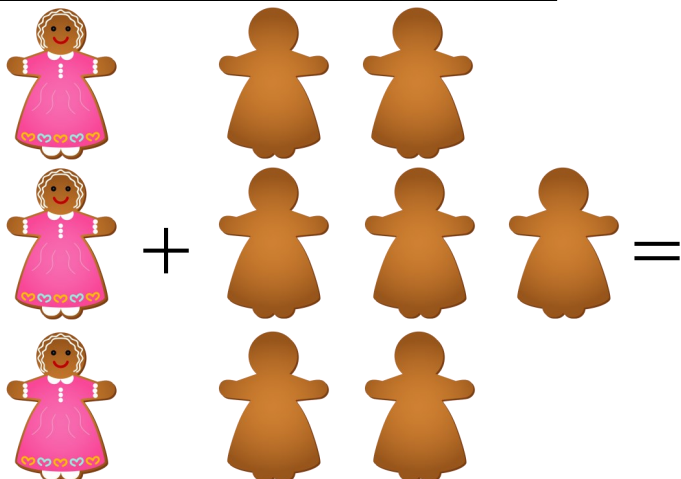
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$$3 + 6 =$$

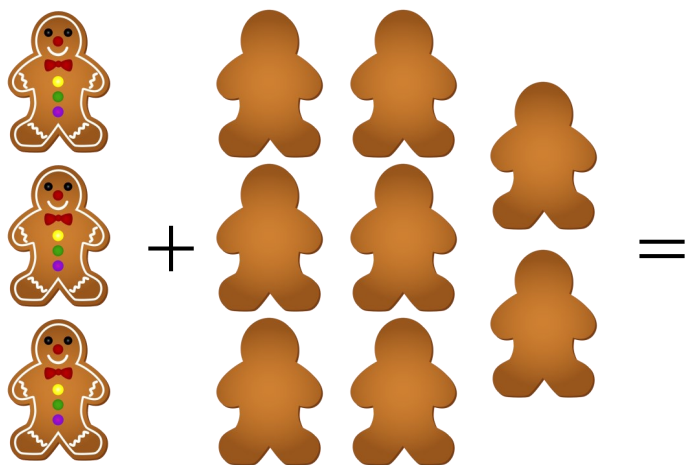


$$3 + 7 = 10$$



$$3 + 7 =$$

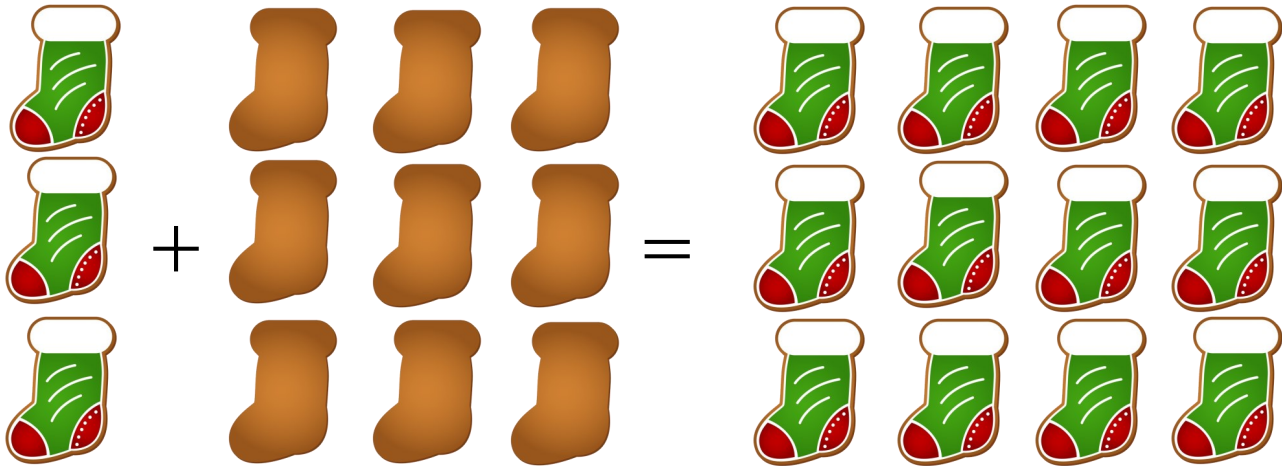
$$3 + 8 = 11$$



$$3 + 8 =$$

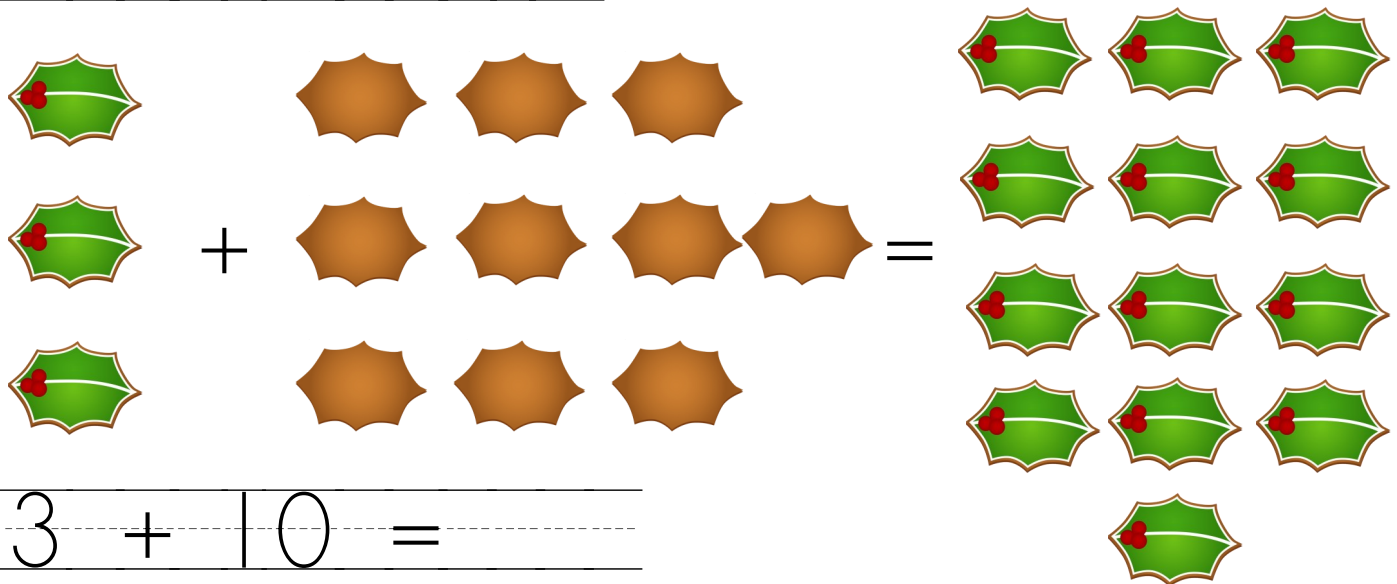


$$3 + 9 = 12$$



$$3 + 9 =$$

$$3 + 10 = 13$$



$$3 + 10 =$$



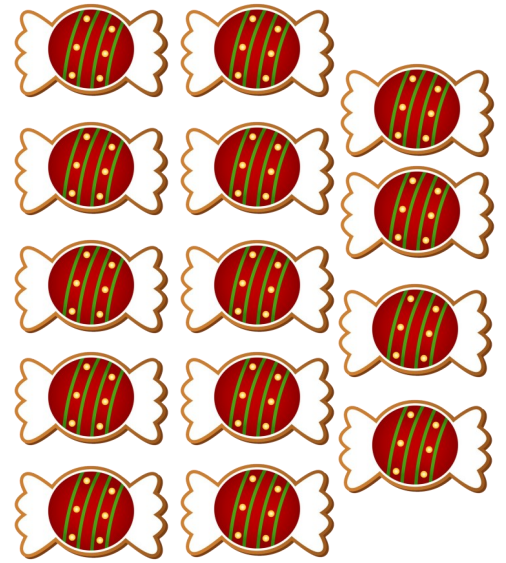
$$3 + 1 = 4$$



+

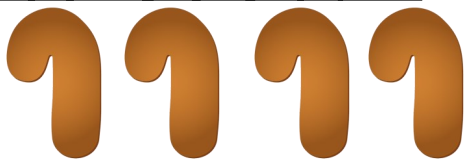


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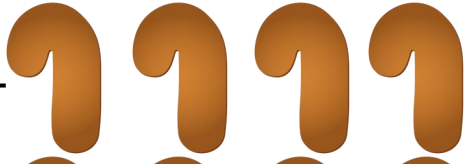


$$3 + 1 =$$

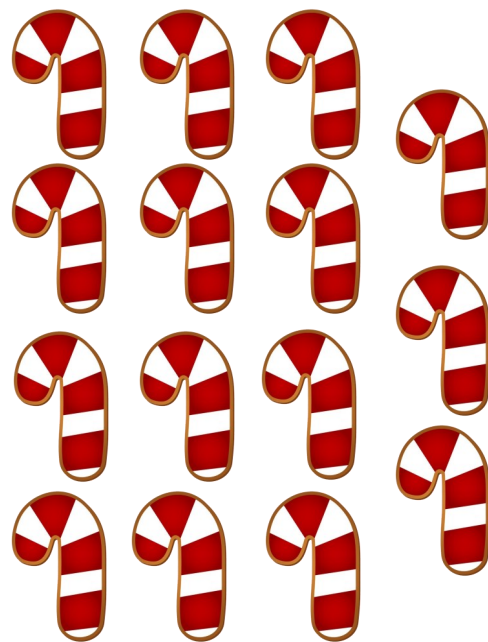
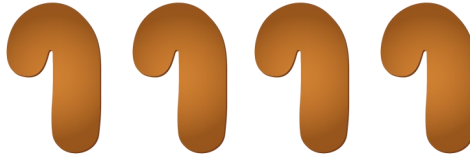
$$3 + 2 = 5$$



+



=



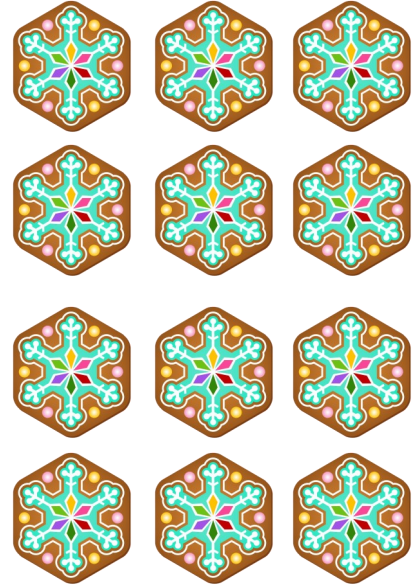
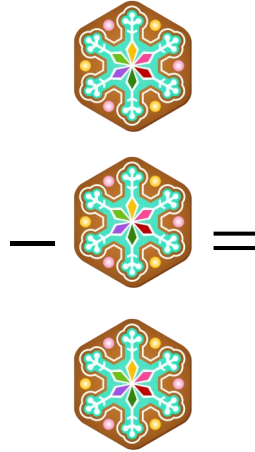
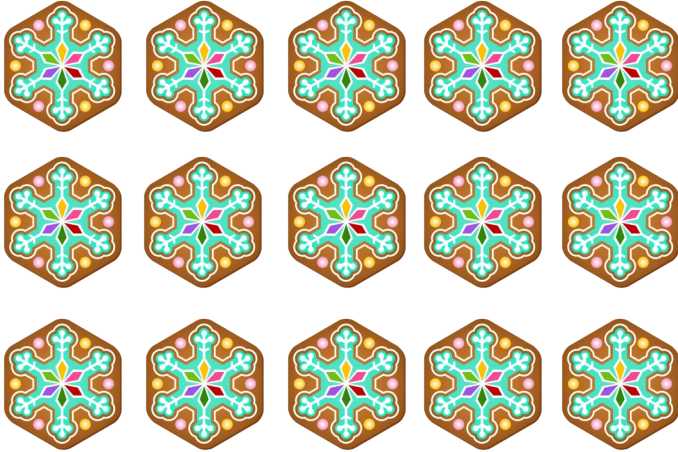
$$3 + 2 =$$

Subtraction



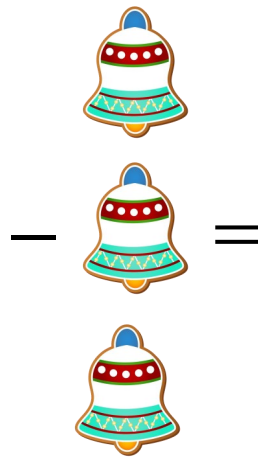
Next is subtraction. If you have fifteen Christmas cookies and you decide to give three of them away, how many will you have left? Trace the numbers below, including the answer. Then try to solve the next one for yourself. You can do it!

$$15 - 3 = 12$$

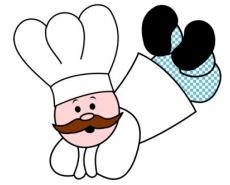
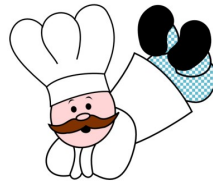
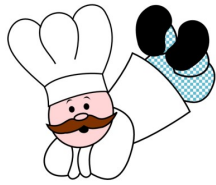
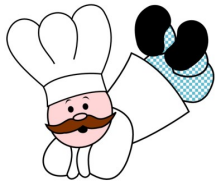


$$15 - 3 =$$

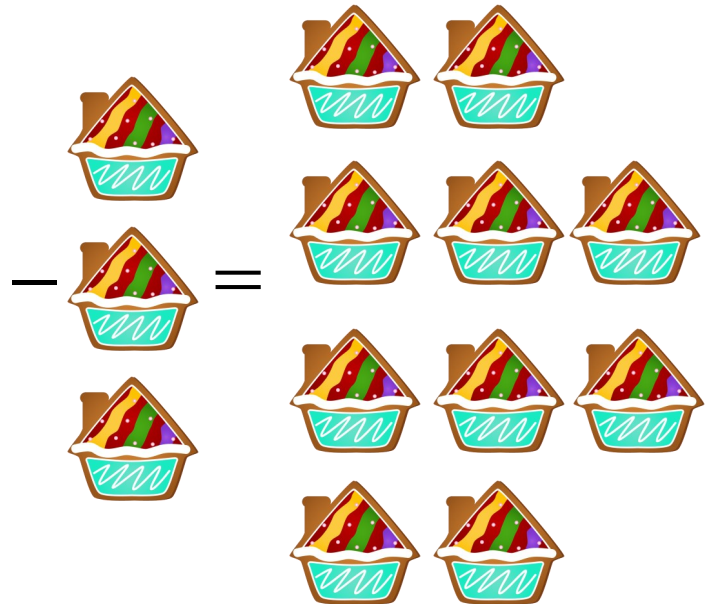
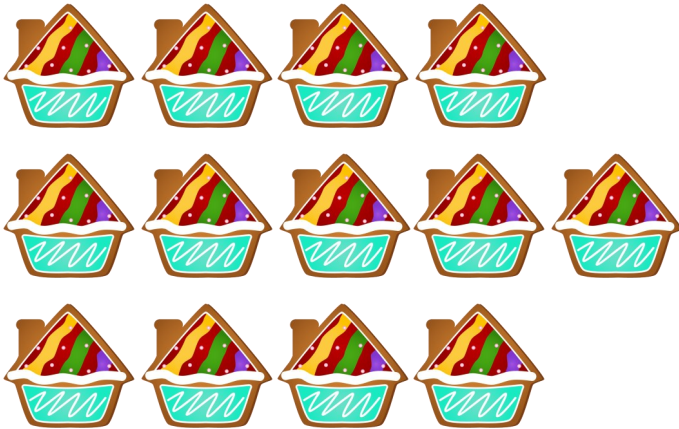
$$14 - 3 =$$



$$14 - 3 =$$

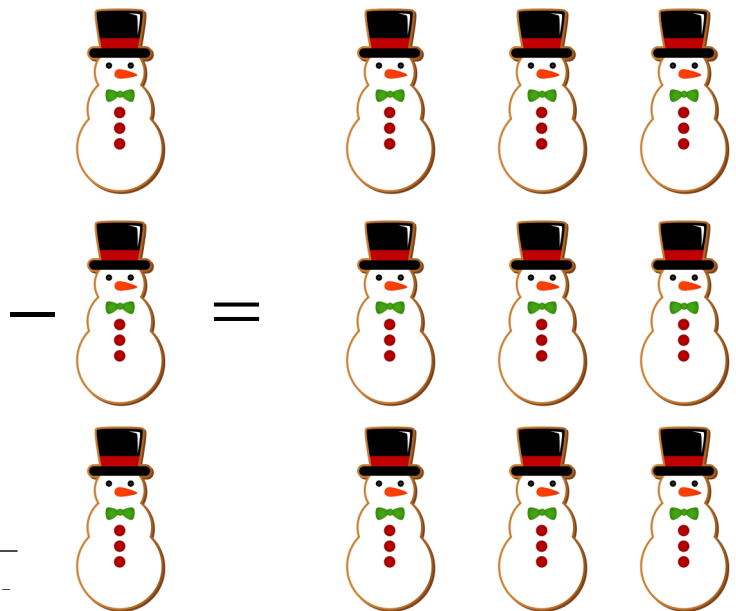


$$13 - 3 = 10$$

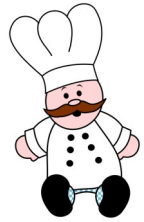


$$13 - 3 =$$

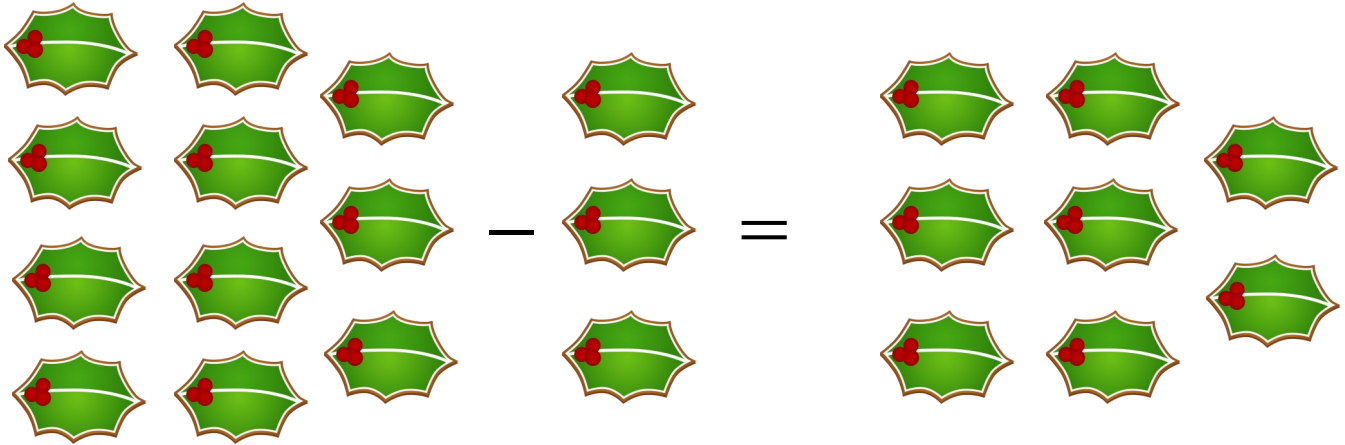
$$12 - 3 = 9$$



$$12 - 3 =$$

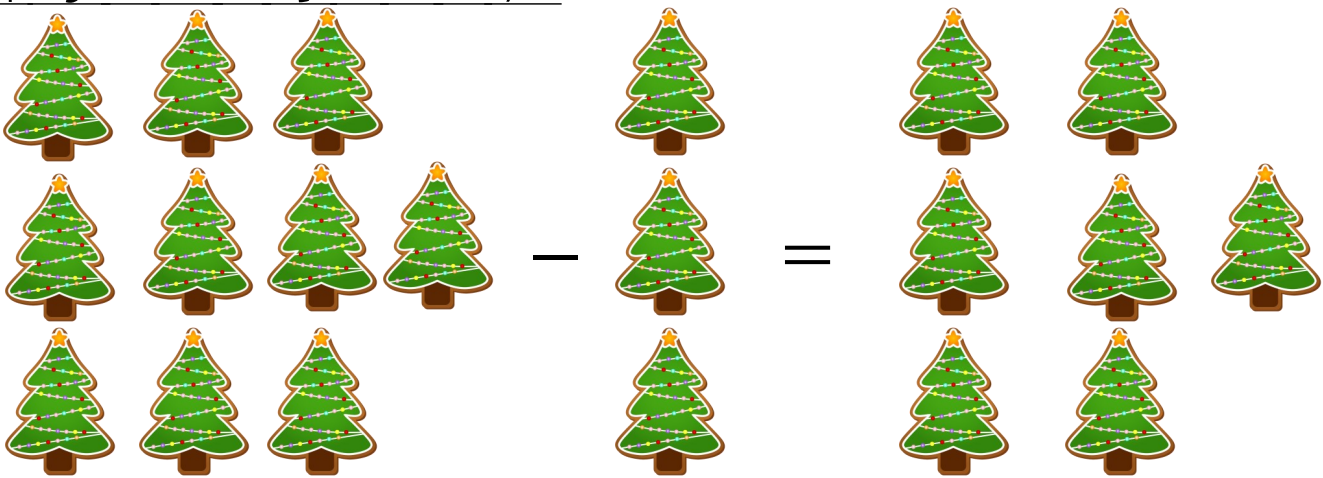


$$4 - 3 = 1$$

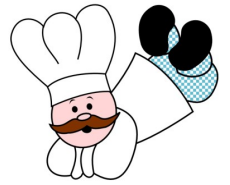
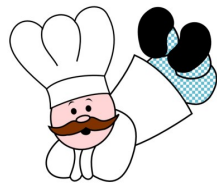
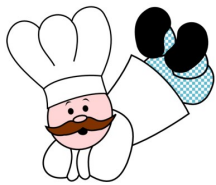
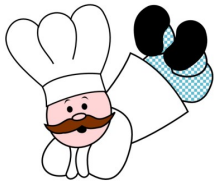


$$4 - 3 = 1$$

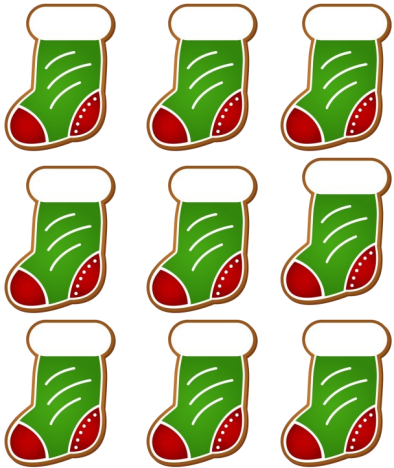
$$10 - 3 = 7$$



$$10 - 3 = 7$$



$$9 - 3 = 6$$



-

=



$$9 - 3 =$$

$$8 - 3 = 5$$



-

=



$$8 - 3 =$$



$$7 - 3 = 4$$



-



=



$$7 - 3 =$$

$$6 - 3 = 3$$



=



-



$$6 - 3 =$$



$$5 - 3 = 2$$



-

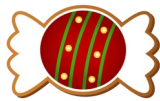


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$$5 - 3 =$$

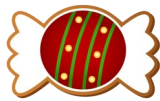
$$4 - 3 = 1$$



-



=



$$4 - 3 =$$

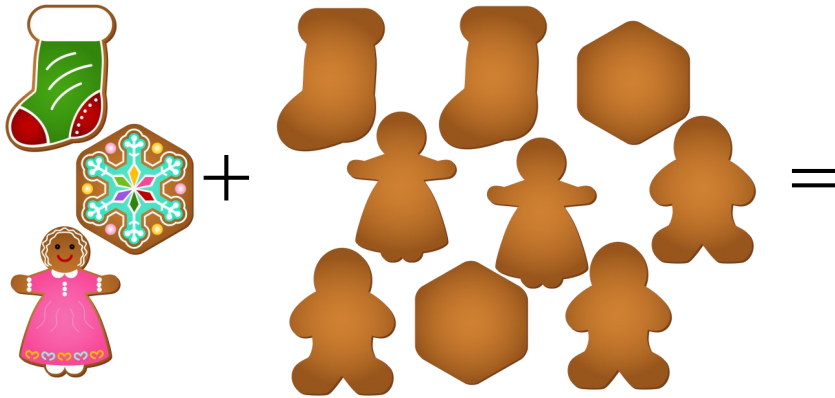
Math Stories



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!

Mom already had icing on three cookies when Tracy decided to help. She still had nine cookies that needed icing on them. How many cookies total did they decorate after they put the icing on the rest of the cookies?

$$3 + 9 = 12$$

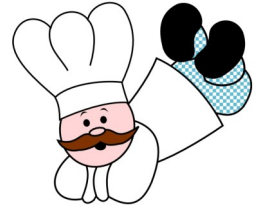


$$3 + 9 =$$

Michael had 3 cookies, and Lynne had 4 cookies. How many cookies did they have altogether? Draw the cookies to show the problem.

$$3 + 4 =$$

$$3 + 4 =$$



David brought 3 cookies to share with his friends, and Ian brought 6 cookies to share. How many cookies did they have altogether? Draw the cookies to show the problem. Write the problem on the lines under the pictures of cookies you draw.

$$3 + 6 = 9$$

$$+ =$$

Elizabeth ate 3 cookies for dessert, and Mary ate 2 cookies. How many cookies did they have altogether? Do all the steps to show this problem.

$$+ =$$

$$+ =$$

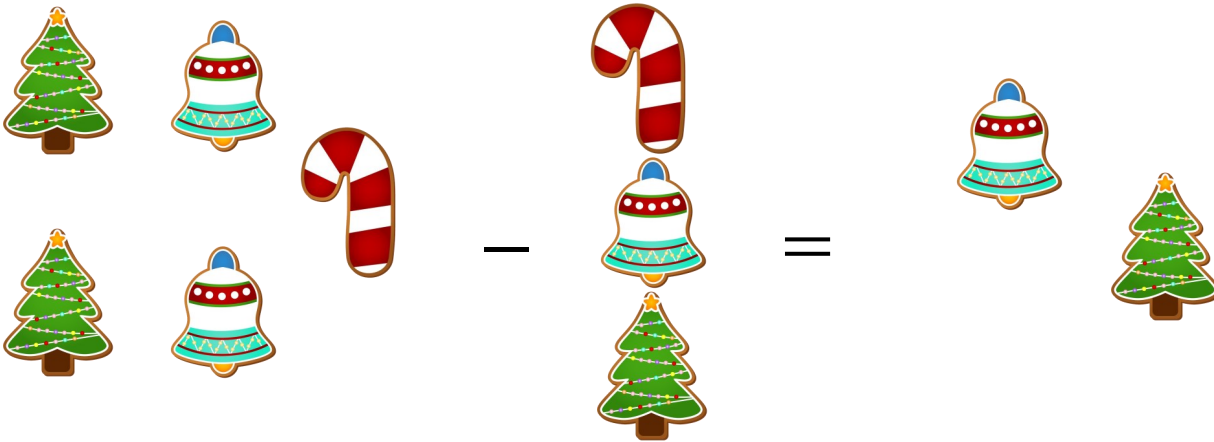
Math Stories



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 5 cookies on a plate. Seth ate 3 cookies. How many cookies were left?

$$5 - 3 = 2$$

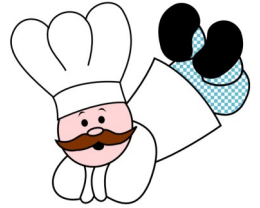


$$5 - 3 =$$

There were 8 cookies on a plate. Tyler ate 3 cookies. How many cookies were left? Draw the cookies to show the problem.

$$8 - 3 = 5$$

$$8 - 3 =$$



There were 4 cookies left after the youth group Christmas party. Sally said she could take 3 of them home to her brothers and sister. How many cookies were still left on the plate for others to take? Draw the cookies to show the problem. Write the problem on the lines under the pictures of cookies you draw.

$$4 - 3 =$$

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

There were 12 cookies on a plate. Janet ate 3 cookies. How many cookies were left? Do all the steps to show this problem.

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

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