

Diving into Mastery – Diving

Adult Guidance with Question Prompts

Encourage children to cross out the ones that have been taken away in each picture.

How many apples did Sammy have to start?

How many did he eat?

Can you cross two out?

How many has he got left?

Can you write Sammy Subtract's symbol in the number sentence and how many crackers are left?

How many beads are on the necklace?

How many have fallen off?

Can you cross through the ones that have fallen off?

How many are left?

Can you write the numbers into the number sentence?

Look at the cake, how many candles can you see?

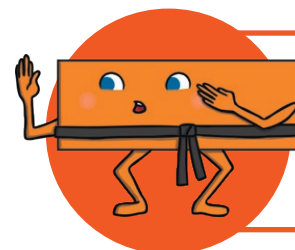
The number sentence says $8 - 3$. What do you think might have happened to the candles?

Can you tell me the number story?

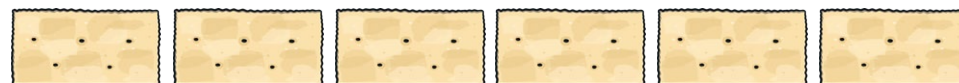
Can you cross out three candles?

How many are left?

Sammy Subtract



Sammy Subtract had 6 crackers, he ate 2 of them. How many did he have left?



Complete the number sentence.

6 2 leaves



A necklace had 7 beads, 4 fell off. How many were left?

- leaves

Can you tell a number story about the candles on the cake?



8 - 3 leaves

Can you use equipment to check you are correct?

Diving into Mastery – Deeper

Adult Guidance with Question Prompts

Children will need four counters each for this activity.

Can you count the ice cubes in the drink?

Can you show me that many counters?

Now four ice cubes melted. Can you move four counters away and see how many are left?

What does 'zero' mean?

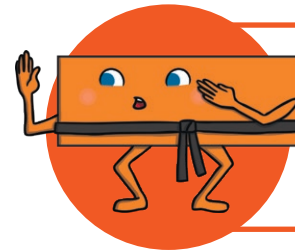
Read the statements to the children, one at a time.

Is this true or false?

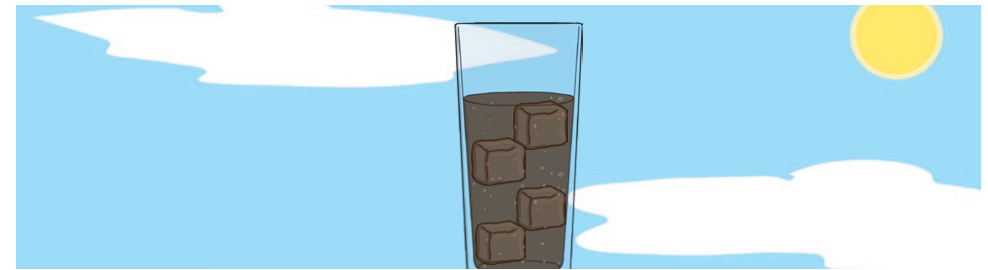
How do you know?

Can you think of another true statement?

Sammy Subtract



A drink has 4 ice cubes. In the heat, 4 ice cubes melt.



Are these statements true or false?

Explain how you know.

The glass had 4 ice cubes to begin with.

5 ice cubes melted.

$4 - 4$ leaves 1

At the end, there were 0 ice cubes left.

Can you think of another true statement about the drink?

Can you use your counters to check you are correct?

Diving into Mastery – Deepest

Adult Guidance with Question Prompts

Children will need to use counters or some other objects to help with this activity. They should make a line of the first number in the number sentence and then move away the number that have been subtracted. They count how many remain. If you would prefer children to record answers they could draw a number of objects and cross out the ones that are being subtracted. They could tick and cross the sentences as they go to keep track of their responses.

Look at the first number sentence. Can you show me ten counters?

Can you line them up?

Why should we do that?

How many are being taken away?

Can you show me with your counters?

How many are left?

Is she right or wrong?

Can you do the same for the next number sentence?

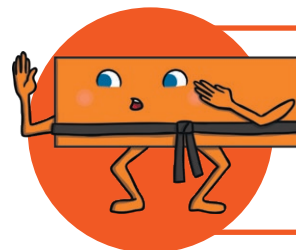
For answers that are wrong:

Can you explain why she is wrong?

What is the correct answer?

Which five are the correct ones?

Sammy Subtract



Fran has written some number sentences. She has got 4 right. Which ones?

$$10 - 8 \text{ leaves } 2$$

$$2 - 2 \text{ leaves } 0$$

$$5 - 3 \text{ leaves } 1$$

$$9 - 1 \text{ leaves } 8$$

$$7 - 5 \text{ leaves } 3$$

$$6 - 4 \text{ leaves } 2$$



Can you explain which ones are wrong and help her correct her answers? Use equipment to help you check.