

# Diving into Mastery - Diving

## Adult Guidance with Question Prompts

Children use base ten blocks to explore and demonstrate one more and one less than a number. For the numbers in the activity, children make the number using base ten and then take one away for 'one less' and add one for 'one more'.

How many ten sticks are there in your number?

How many ones are there in your number?

How will you make your number one less?

How will you make your number one more?

Now you've added one more, how many ones are there?

Now you've made one less, how many ones are there?

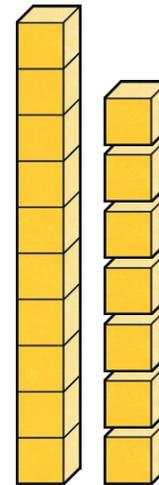
What would happen if your number was 11?

What would happen if your number was ten?

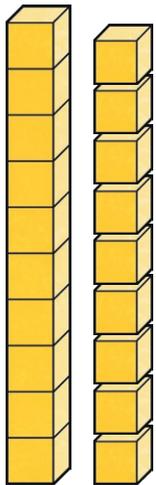
## Count One More and One Less



Jo has found one more and one less than 18. She used base ten blocks.



one less	18	one more
17		19



Use base ten to help you with these numbers.

one less	14	one more

one less	16	one more

one less	13	one more

one less	12	one more

# Diving into Mastery - Deeper

## Adult Guidance with Question Prompts

Children will explore and demonstrate one more and one less than a number. Provide a range of counting equipment (including base ten) to help children check and correct the sentences.

Can you make the two numbers from the first sentence?

Is the sentence correct?

How do you know?

How could you correct the sentence? Is there more than one way to correct the sentence?

Is the next sentence correct? How do you know?

Can you prove it?

Repeat with the next two sentences.

Can you suggest more than one correction for each sentence?

If Mo had to use the 11 - 20 number cards, were there any sentences that couldn't be made?

## Count One More and One Less



18

is 1 less than

17

15

is 1 more than

14

14

is 1 more than

15

19

is 1 less than

18



Mo has been making number sentences using number cards, 11-20.

Are the sentences correct? Can you correct any mistakes?

# Diving into Mastery - Deepest

## Adult Guidance with Question Prompts

Children apply their learning of finding one less and one more to word problems. Have practical equipment available (including base ten) for children to use to help to solve the problems. Read the problems to the children if needed.

In this question, are you finding one more or one less? How do you know?

What will you do to the number to answer the problem?

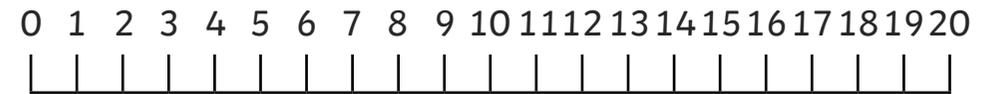
When you are making one less, does only the ones number change? Can you think of a number where the tens number will change, too?

When you are making one more, does only the ones number change? Can you think of a number where the tens number will change, too?

Can you make up a party problem which involves finding 'one more than' of your own?

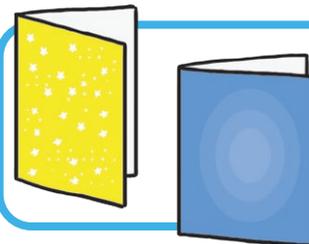
Can you make up a party problem which involves finding 'one less than' of your own?

## Count One More and One Less



At Tim's party, there are 12 girls. There is 1 more boy than there are girls. How many boys are there?

The pass the parcel present has 18 layers. One is torn off. How many layers are left?



Tim has 17 cards. This is 1 more than last year. How many did he get last year?

Can you ask a question?