

Diving into Mastery - Diving

Adult Guidance with Question Prompts

Children use the number line to practise counting to 10, finding one more and one less, and ordering numbers. Children could use 0-10 number lines to help with this activity.

Can you mark the numbers on the number line?

What does each mark on the number line represent?

What is the first number on the line?

What is the greatest number on the line?

Which numbers on the line are greater than 5?

Can you circle them?

What numbers do these pictures represent?

Can you find the numbers on the line?

What number is one more than 0? Can you mark it on the line?

What number is one less than five? Can you mark it on the line?

What number is one more than eight? Can you mark it on the line?

The Number Line



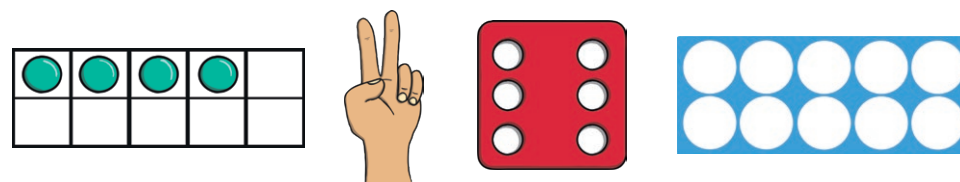
Write the numbers 1 to 9 on this number line.

Circle the numbers greater than 5.



Which numbers are represented by these pictures?

Draw a line from the object to the correct number on the number line.



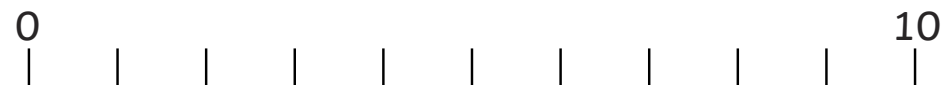
What number does each statement represent?

Can you label the number on the number line?

one more than 0

one less than 5

one more than 8



Diving into Mastery - Deeper

Adult Guidance with Question Prompts

Children use reasoning to check if numbers have been ordered correctly. They use mathematical vocabulary to explain their thinking.

Can you see the number Ben has marked on the line?

Is it in the correct place?

How do you know?

Explain your thinking.

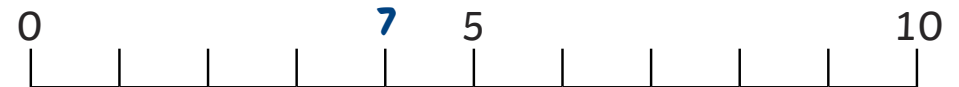
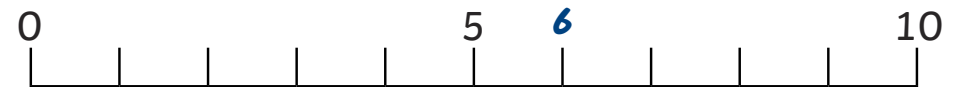
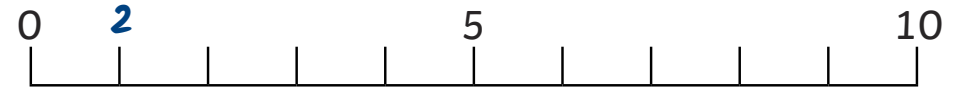
Where should the number go?

Can you mark it in the correct place?

The Number Line



Ben marked some numbers on the number lines.



Is Ben correct? Explain how you know.
Can you correct any mistakes that he has made?

Diving into Mastery - Deepest

Adult Guidance with Question Prompts

Children will need equipment (similar to the equipment pictured) and a blank number line for the final question.

What does 'greater than' and 'less than' mean?

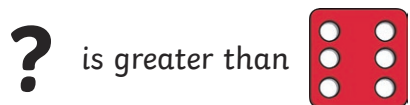
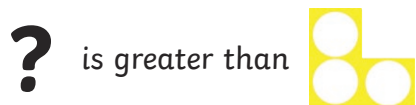
What number does this picture represent?

Can you explain the statement? For example, the missing number is greater than 2 but less than 8.

Is there more than one possible answer?

Can you show me the possible answers on the number line?

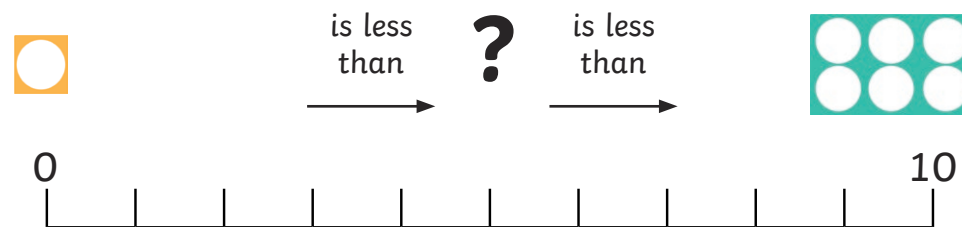
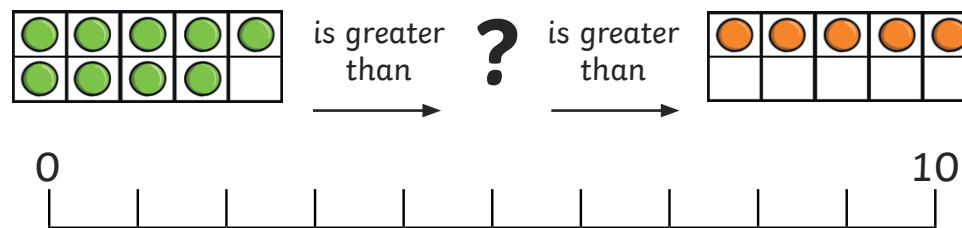
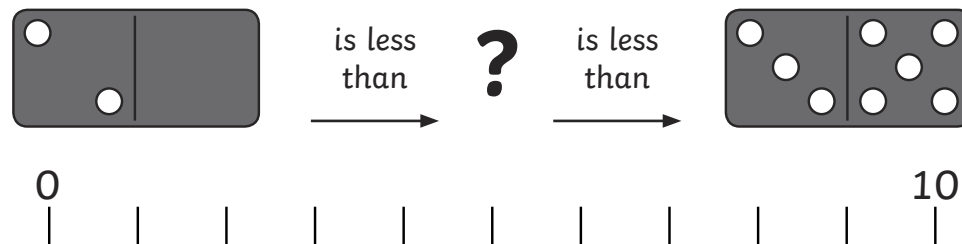
Children could create a simplified statement using equipment for a friend to mark on a blank number line. For example:



The Number Line



Mark the numbers that could be missing from these statements on the number line.



Can you make a statement using 'greater than' or 'less than' for your friend to mark on a number line?