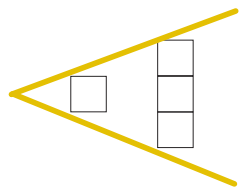


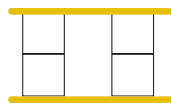
# Diving into Mastery - Diving

## Adult Guidance with Question Prompts

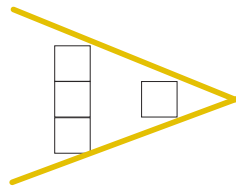
You may want to use cubes to explain the use of the symbols 'greater than', 'less than' and 'equal to'. For example,



$$1 < 3$$



$$2 = 2$$



$$3 > 1$$

Children can look at the images in the groups and represent them with sticks of cubes.

What number is represented here?

Can you represent that number as a stick of cubes?

Which number is less?

Which is greater?

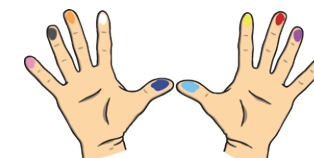
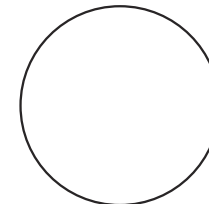
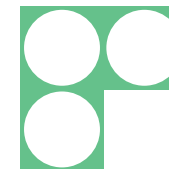
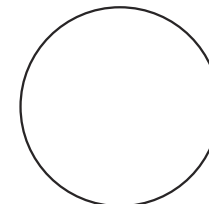
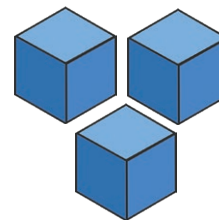
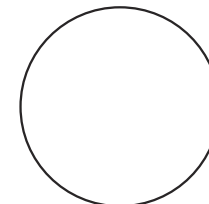
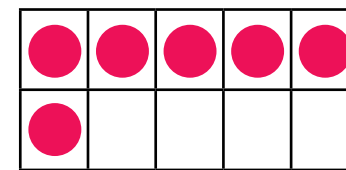
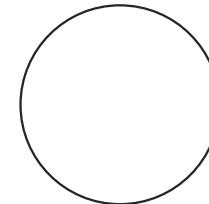
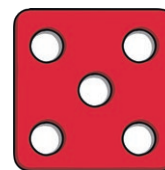
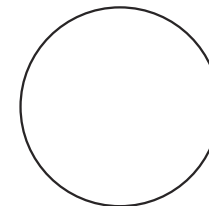
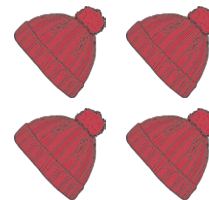
Are they equal?

Which symbol shall we use

## Symbols for Comparing



Use the symbols  $<$ ,  $>$  or  $=$  to compare these objects.



# Diving into Mastery - Deeper

## Adult Guidance with Question Prompts

Children reason about whether the symbols have been used correctly. Children can look at the images in the groups and represent them with sticks of cubes if they find that helpful.

What numbers are represented here?

Can you represent that number as a stick of cubes?

What symbol has Alex used?

Has he used the correct symbol?

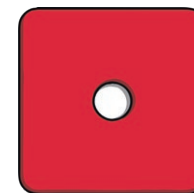
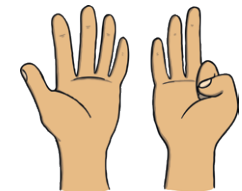
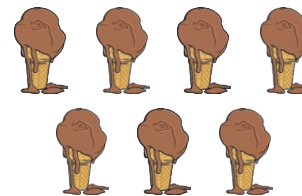
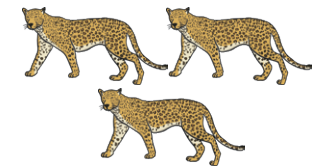
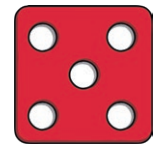
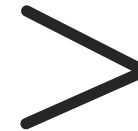
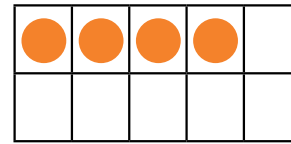
Can you explain why/why not?

What symbol should Alex have used? Why?

## Symbols for Comparing



Alex has used symbols to compare these objects.  
Is he correct?



Explain your answer in a full sentence.

# Diving into Mastery - Deepest

## Adult Guidance with Question Prompts

Check that the children understand that the missing number must be less than eight. Encourage them to use the track to help them work out what could go in the box.

How many balls are in the picture?

What symbol can you see?

What does this symbol mean?

Look at the number track. Can you find number eight?

Ask children to colour in the number eight.

Which numbers are less than eight?

Can you colour in the numbers that are less than eight?

How many balls could go in the box for this to be correct?

Did you choose a different number to your friend?

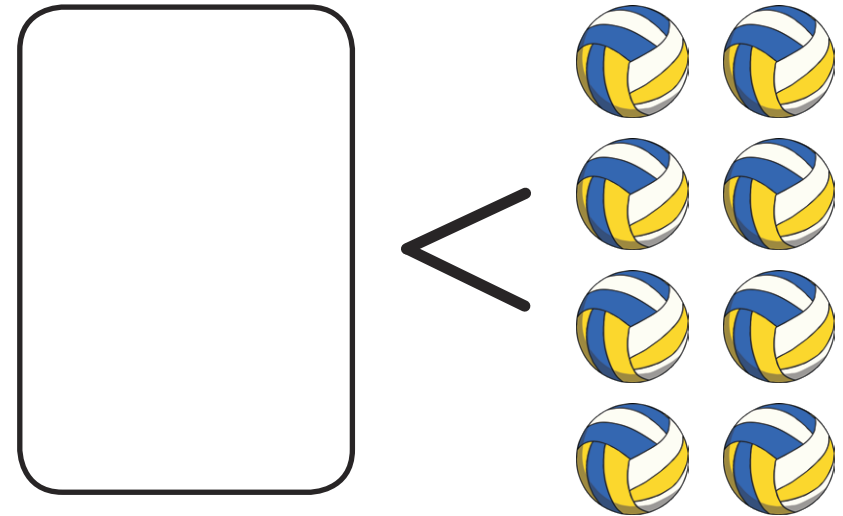
Can you both be right?

Could there be nine balls in the box?

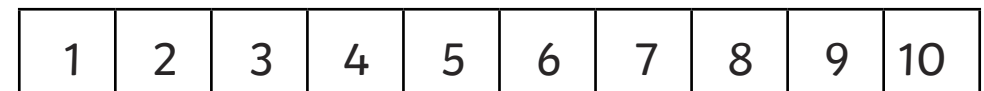
## Symbols for Comparing



What could go in the box?



Use the number track to help you.



Is there more than one possible answer?

Can you find all the possible answers?

How do you know you have found them all?