

Find and Recall Number Bonds of 9

Adult Guidance with Question Prompts



Children represent and use the number bonds of nine.

In this activity, children build fluency as they find ways to use two colours to make bar models of nine cubes.

Children will need interlocking cubes of two colours to help them with this activity. They could record their answers to the last section by colouring blank bar models in two colours.

What number does the bar model represent?

Can you count all the sections?

What do you notice about the bar model?

What number does the yellow part represent?

What number does the orange part represent?

Which number sentence does it match with?

Can you make/colour bar models to match the number sentences?

Can your friends find the number sentences to match them?

How many cubes of each colour are there?

What numbers do you need to add to the bar model so that they match?

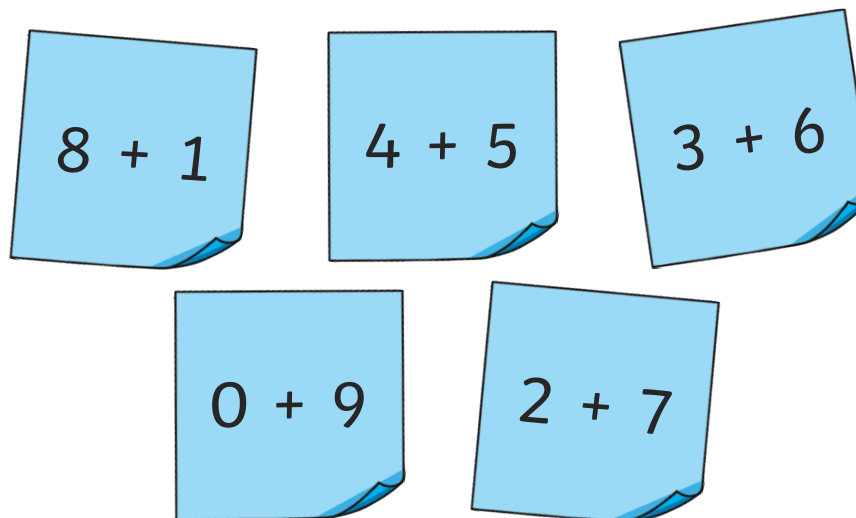
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Here is 1 way to make 9.



Draw a ring around the matching number sentence.



Make bar models to match these number sentences.



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Children represent and use the number bonds of nine.

This activity will encourage children to reason about number bonds of nine as they find ways to prove which statement is correct. Children will need experience of part-whole models before attempting this activity. They could use nine counters to help them find different ways of partitioning nine.

What is the whole number?

How many parts are we splitting it into?

What happens if you move nine counters into one part?

How many are in the other part?

So who is correct?

Can you explain why?

Use part-whole models to show more number bonds of nine.

Can you find them all?

What can you do to check?

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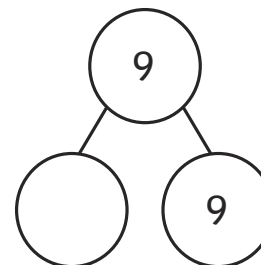


Which number is missing?



Pip

I think it should be 9.

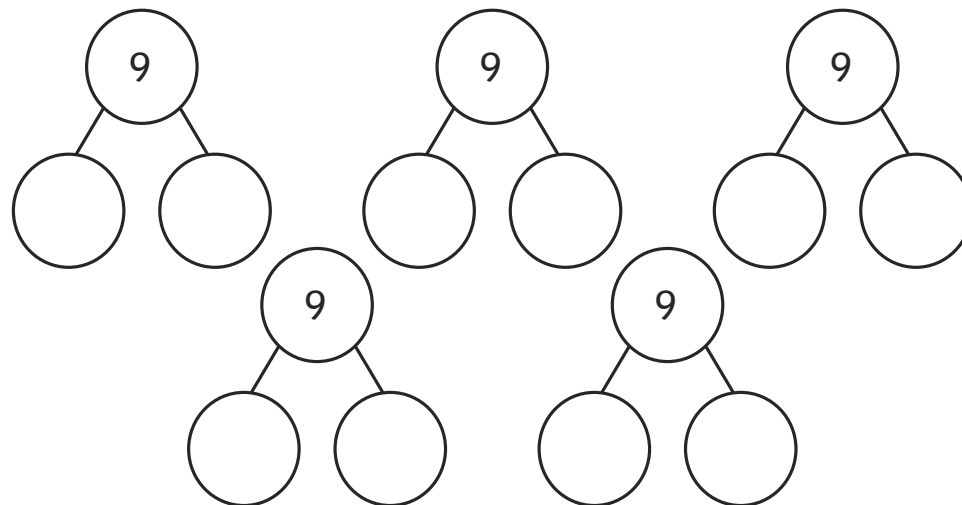


Ben

I think it should be 0.

Who is right?

Can you prove it?



Show the number bonds of 9 that are different.

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Children represent and use the number bonds of nine. In this activity, children demonstrate their problem-solving skills by pairing sticks of cubes to make nine. They identify the odd one out and build a stick to complete the number bond. Children could use cubes to make matching towers to solve this challenge.

How many cubes are in each stick?

Can you write the number next to each one?

Which stick could go with the (one of the colours) stick to make 9 in total?

Can you make three towers of nine?

Which is the odd one out?

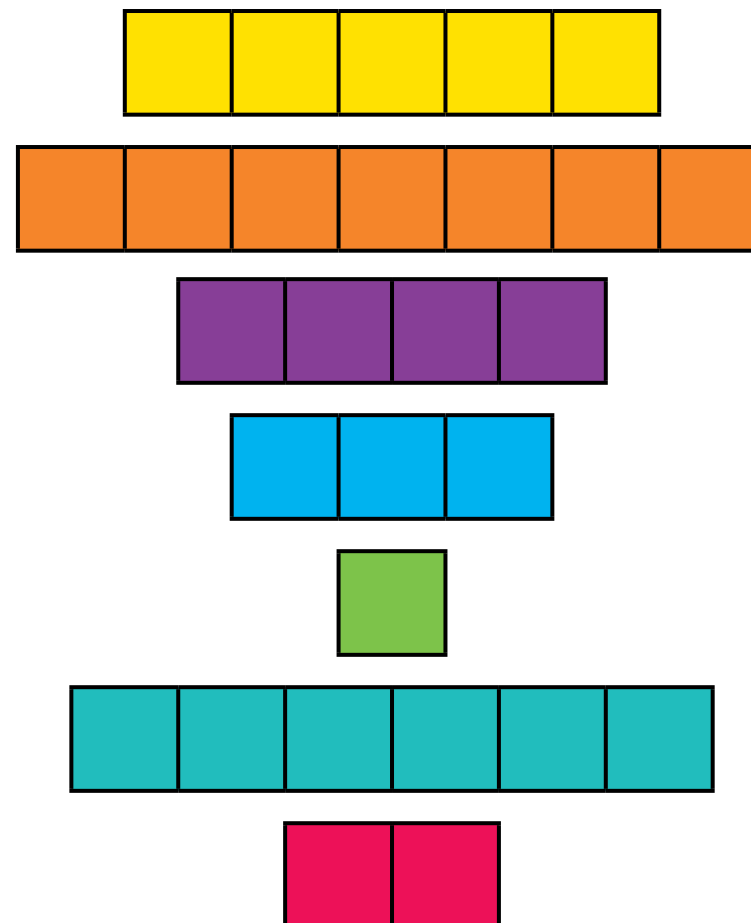
Why is it the odd one out?

Can you make a stick of cubes to go with the odd one out to make nine?

Find and Recall Number Bonds of 9



Pair the sticks of cubes to make towers of 9.



Which stick is the odd one out?
Make a stick of cubes to go with it to make 9.