

Engage

Number bonds are pairs of friends  
And all together they make ten  
They will stick together until the end  
They make **ten!** They make **ten!**

Key learning: to explore number bonds to 10.

Success criteria:

I understand what a number bond is.

I know what a whole and a part is.

I know a whole can be split into parts.

I can split a whole into two parts.

I can split a whole into two parts in different ways.

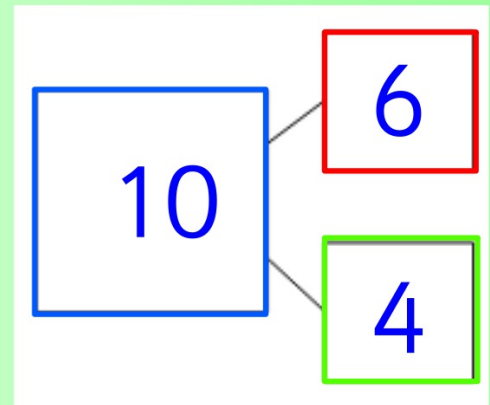
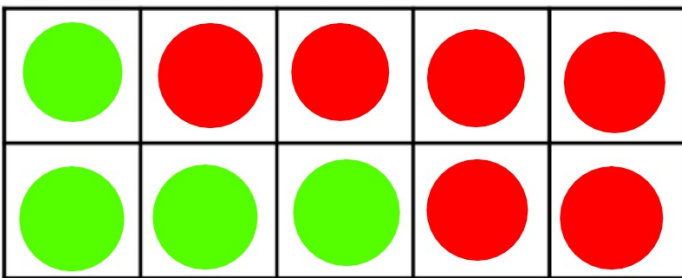


number      part      equal to      number bond  
value      whole      split      different



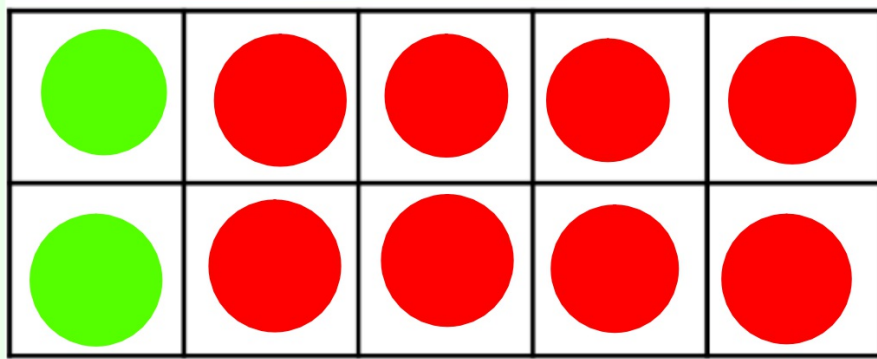
## What does number bonds mean?

Number bonds are pairs of numbers that make a whole. They will always make the same whole.

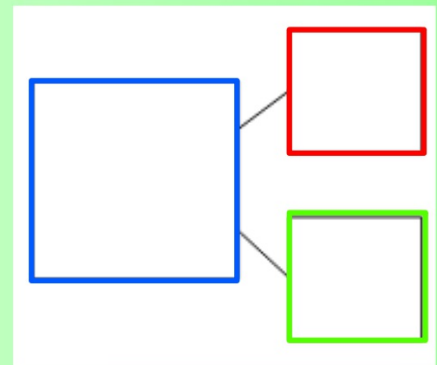


Here I have the parts of 4 and 6 making the whole of 10.

Practise

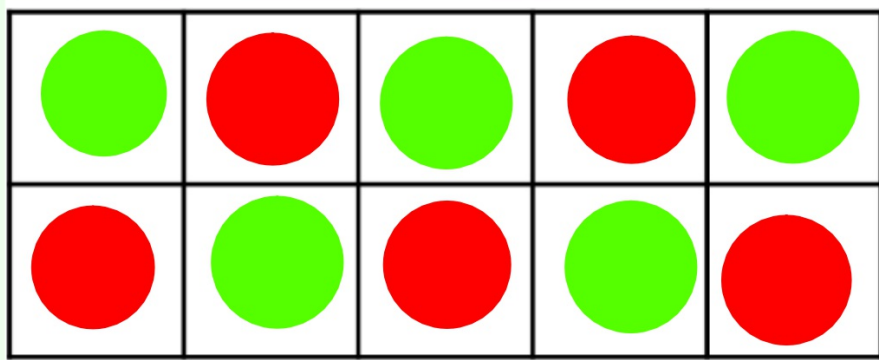


What are my parts?  
What is my whole?  
How do I record this?

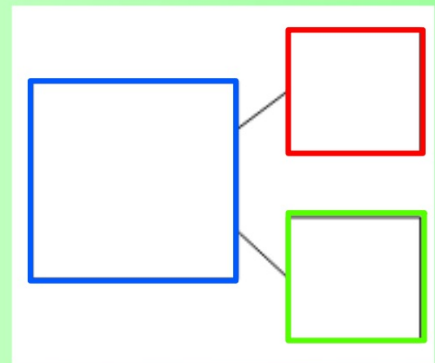


My parts are \_\_\_\_\_ and \_\_\_\_\_. My whole is \_\_\_\_\_.

Practise

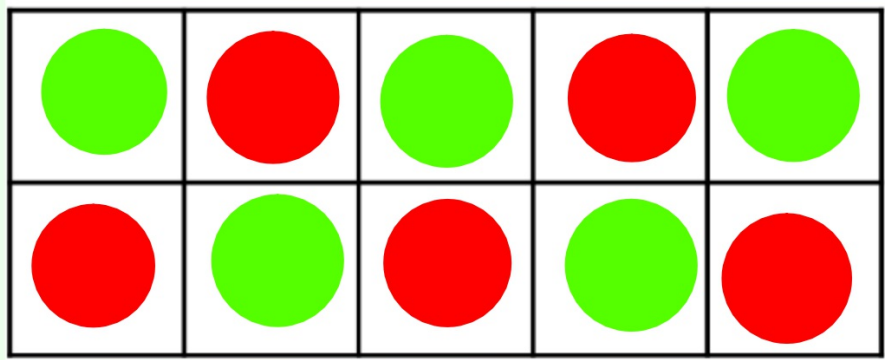


What are my parts?  
What is my whole?  
How do I record this?

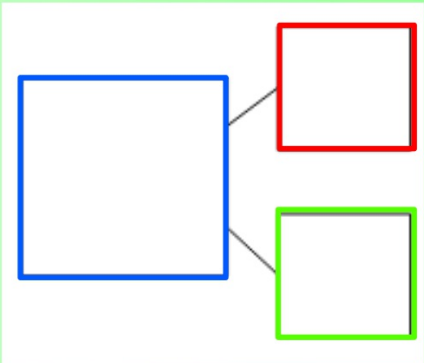


My parts are \_\_\_\_\_ and \_\_\_\_\_. My **whole** is \_\_\_\_\_.

Deepening



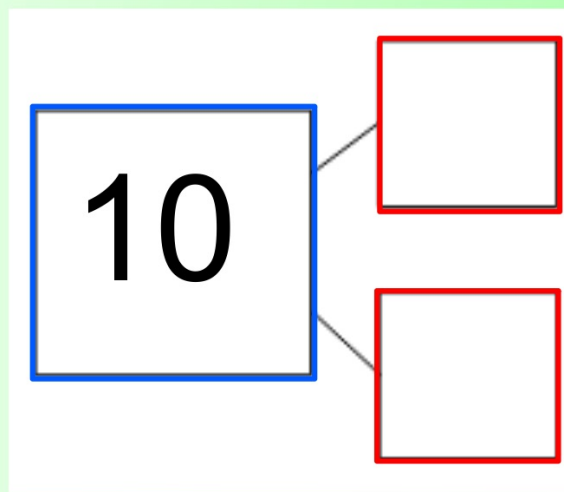
What would my addition equation be?





My whole is 10, what could my parts be?

Deepening



Playground challenge:

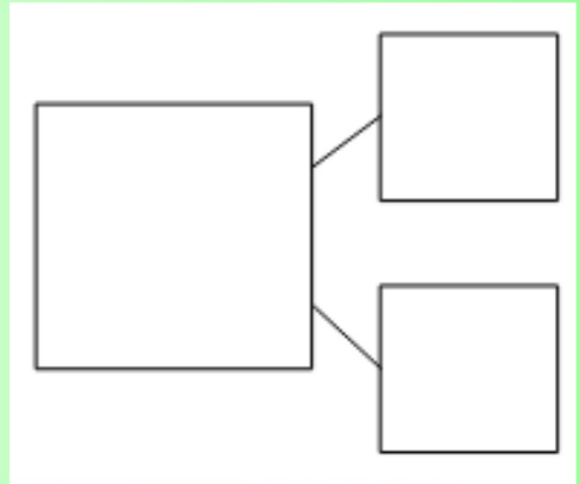
Use natural materials to gather two parts that equal the whole of 10. Record on your part part whole model. Write the equation in chalk.



## Enhanced provision activity

Deepening

My whole is 10, what could my parts be?



Investigate number bonds to 10 using your scales.

Place a 10 in one side. Balance the scales by placing two pieces that make 10 in the other. Use a PPW to record and take photos with your friends.





## Review and Improve



What different ways did we find to make the whole of 10?

