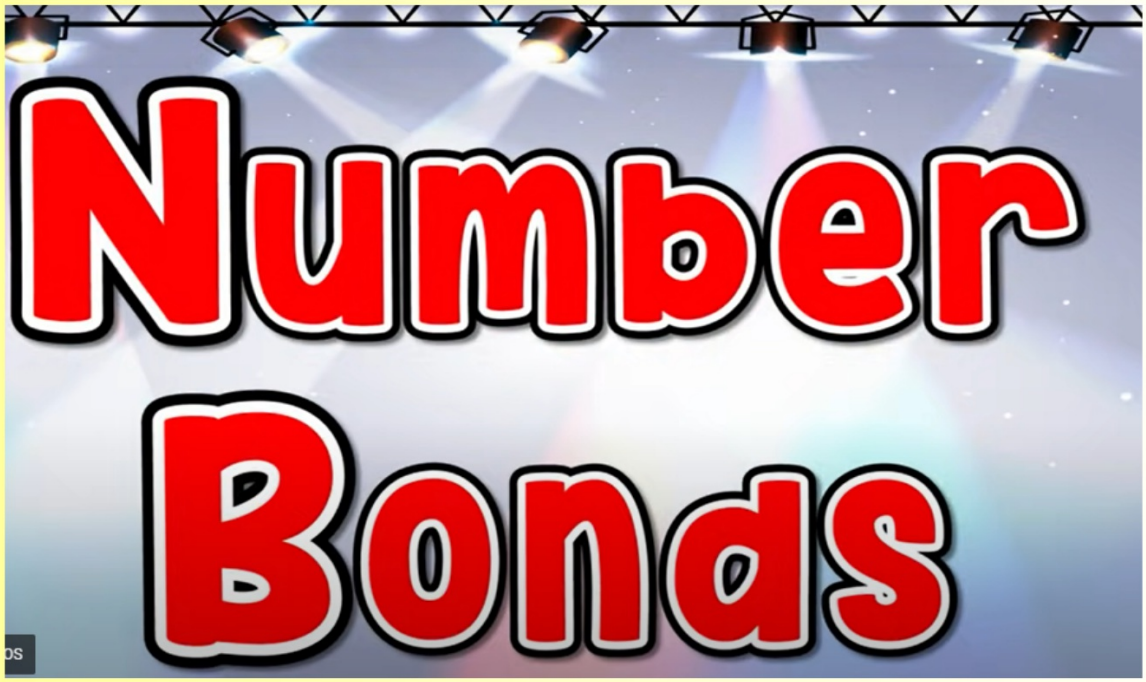
Engage



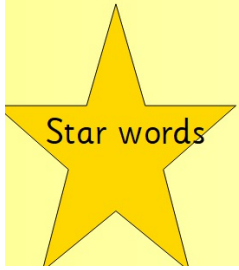
Introduce

Key Learning to identify number bonds to 10

Success Criteria

I know what a number bond is
I know what 'commutative' means
I can that my whole of 10 can be split into 2 parts
I can systematically find all the number bonds to 10

Deepening: application of number bonds



whole part number bond commutative
systematic sum equal to

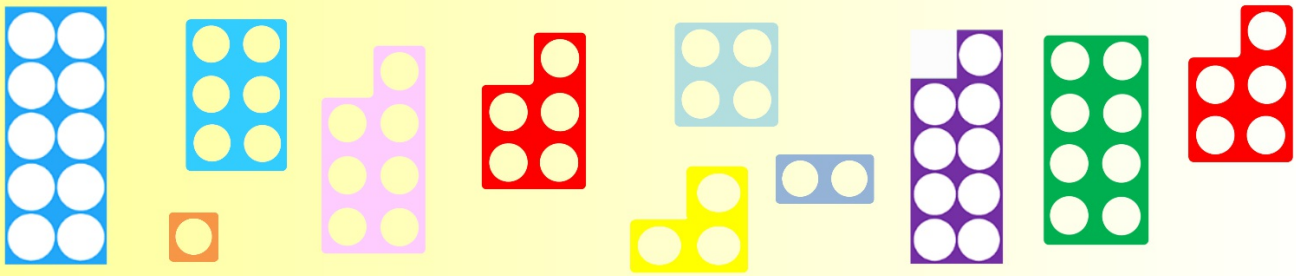
Introduce

What are number bonds to 10

Number bonds are **pairs of numbers** that total a whole of 10. Number bonds are addition equations which means they are **commutative**

Introduce

Can we match the Numicon to make the number bonds to 1

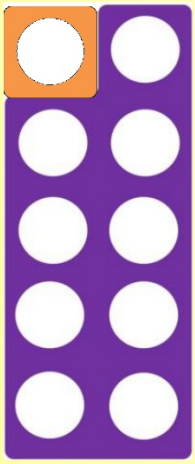


Hint!

Look at which Numicon are **odd** and which are **even**.

Practise and consider

What equation does this number bond show?



1 + 9

6 + 4

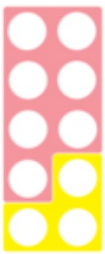
5 + 5

Now it's your turn.

Practise and consider

Match the Numicon number bond to 10 to the addition equation:

Practise and consider



5 + 5

6 + 4

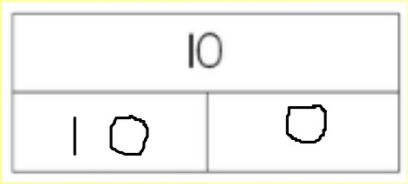
7 + 3

9 + 1

Independent task

Today we are going to be writing the number bonds to 10 as sums (addition equations), using our bar models to check we have found all the possibilities.

Example



What is the whole
What are the parts

What addition equations can I write from this bar model?

10 + 0 = 10
0 + 10 = 10

Independent task

Fill in the blank bar models with number bonds to 10 and write the addition equations underneath them:

Independent task

10	

_________ + __________ = 10

_________ + __________ = 10

10	

_________ + __________ = 10

_________ + __________ = 10

10	

_________ + __________ = 10

_________ + __________ = 10

10	

_________ + __________ = 10

_________ + __________ = 10

10	

_________ + __________ = 10

_________ + __________ = 10

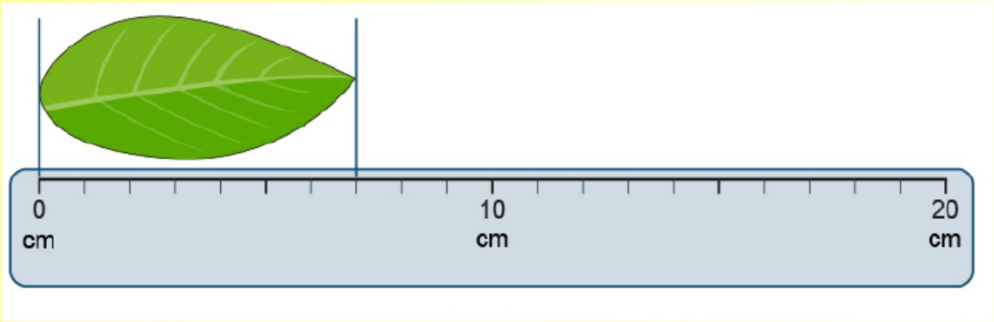
10	

_________ + __________ = 10

_________ + __________ = 10

Deepening

Woodpecker class find a leaf in the playground and decide to measure it.
How long is their leaf?



Mrs Granger says she has found a leaf that is 10 cm long.
How much **longer** is Mrs Granger's leaf?

Deepening

Tom spent £10 altogether on a book and a chocolate bar.
The book cost **more** than £5.
How much could the chocolate bar have cost?

Write all the possibilities below:

"If I know...then I know..."

Can you work out the missing number in these number bonds to 100 using your number bonds to 10 knowledge?

If 5 + 5 = 10
Then 50 + _____ = 100

If 8 + 2 = 10
Then 80 + _____ = 100

If 1 + 9 = 10
Then 10 + _____ = 100

If 10 + 0 = 10
Then 100 + _____ = 100

Kingfishers earn this many Golden Moments in a day.

Eagles earn 10 Golden Moments in the same day.

How many **more** Golden Moments did Eagles earn that day?

Deepening

07.10.2021

Key Learning: number bonds to 10

Altogether, Mr Ogden and Miss Hughes eat 10 slices of pizza.
If Mr Ogden has 3 slices, how many does Miss Hughes eat?

Write an equation to show how you found the answer:

Reflection


Hit the Button
Square Numbers
Halves
Division Facts
Number Bonds
Doubles
Times Tables
Topmarks