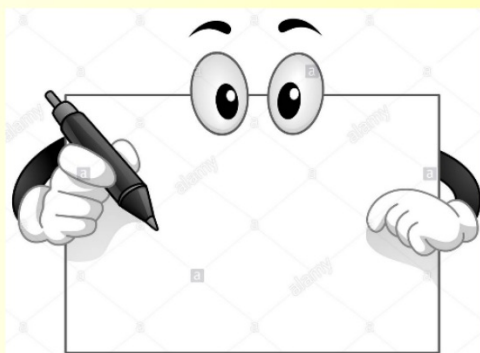


Engage
(max 5 mins)

Whiteboard Whizz!



Can you record all 11 number bonds to 10?



Introduce

(5 mins)

Key learning: to recall and use number bonds to 10 and 20.

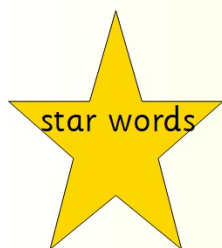
Success criteria:

I can find the missing number in a number bond to 10.

I can recognise the link between bonds to 10 and 20

I can find the missing number bond to 20.

Deepening – apply your learning to problem solving activities.



part whole tens ones digit
number bond pair

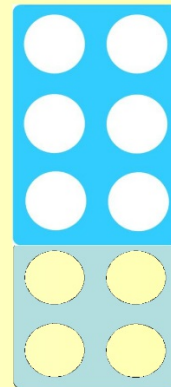
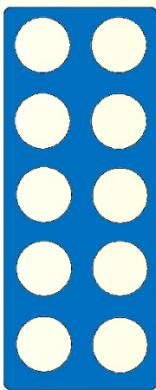




What do we mean by number bonds to 10?

Let's
Recap

Number bonds to 10 are pairs of numbers that add together to make 10.



What is the equation that goes with the Numicon?

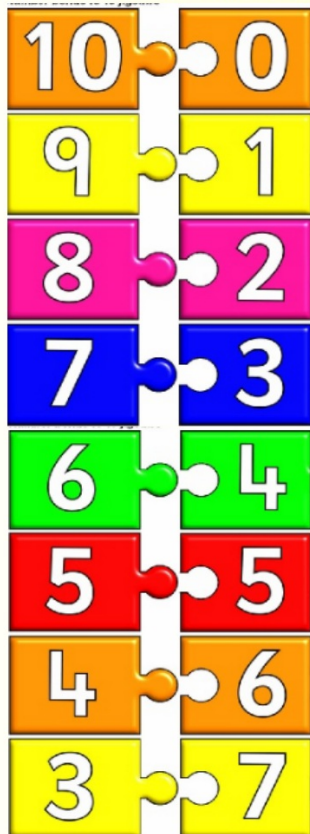
🔑 What patterns do you spot?

It's nothing new!

Introduce

(5 mins)

Number bonds to 10

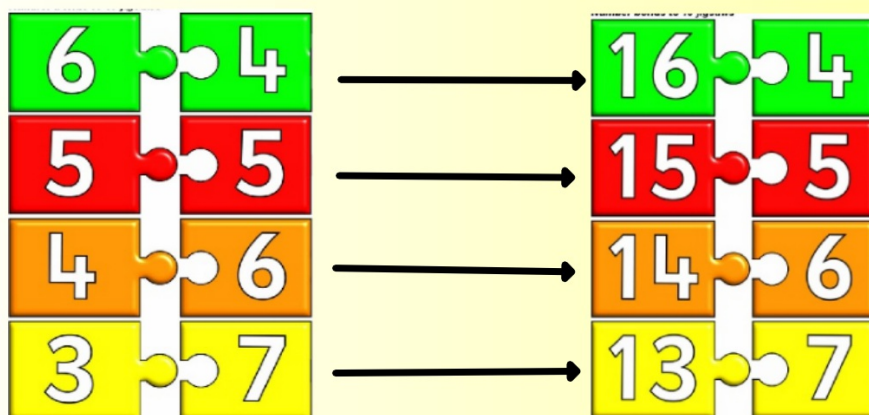


Number bonds to 20



Remember!

We only add a ten to **one of our parts**, as our whole is **one ten bigger**.



If I know ...

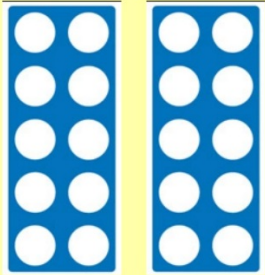
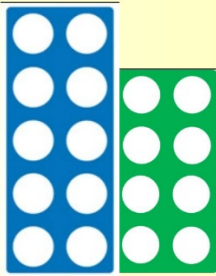
Going Deeper

$$2 + ? = 10$$



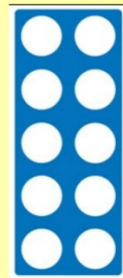
Then I know ...

$$2 + ? = 20$$



If I know ...

$$4 + ? = 10$$



Then I know ...

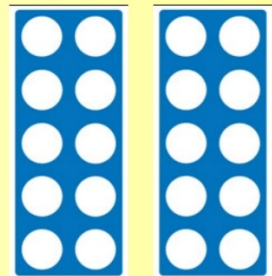
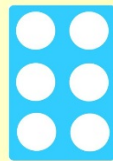
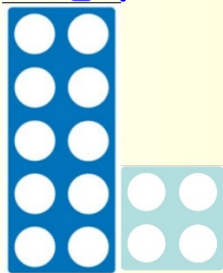
14

+

?

=

20



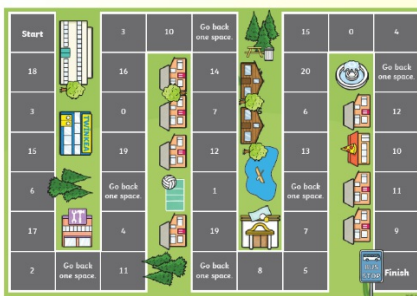


snap to 20

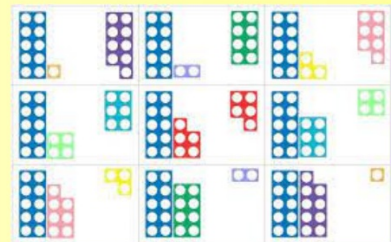


money

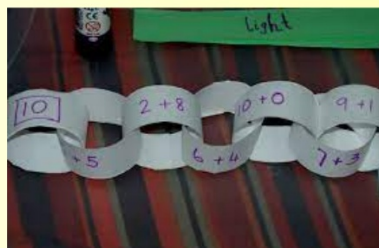
Independent



bus game



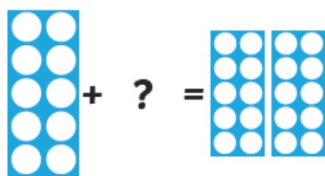
Numicon drawing



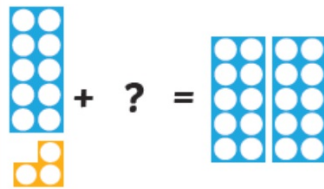
paper chain bonds



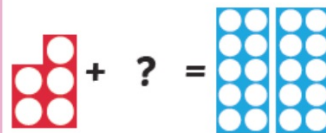
Reflection



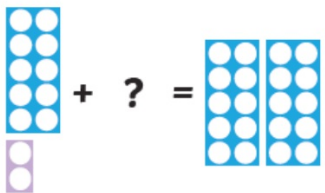
$$10 + \square = 20$$



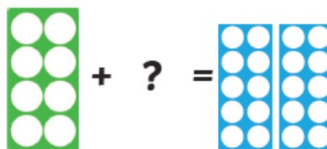
$$13 + \square = 20$$



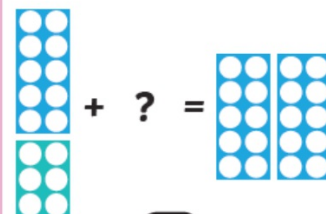
$$5 + \square = 20$$



$$12 + \square = 20$$



$$8 + \square = 20$$



$$16 + \square = 20$$