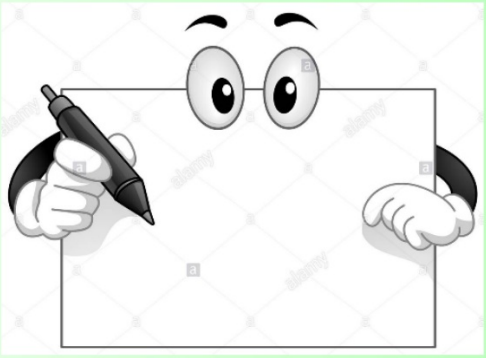
Engage

Whiteboard Whizz!



When I say a number, you write the bond to 20!

How speedy can we be?

Introduce

Key Learning: to recall number bonds to 20 and see the pattern between bonds to 10 and 20

Success Criteria:

- I can explain the pattern between bonds to 10 and 20
- I can use pictures to help me find a missing part in a number bond to 20
- I can write sums (addition equation) for number bonds to 10 and 20

Deepening: I can apply my number bond knowledge to solve problems

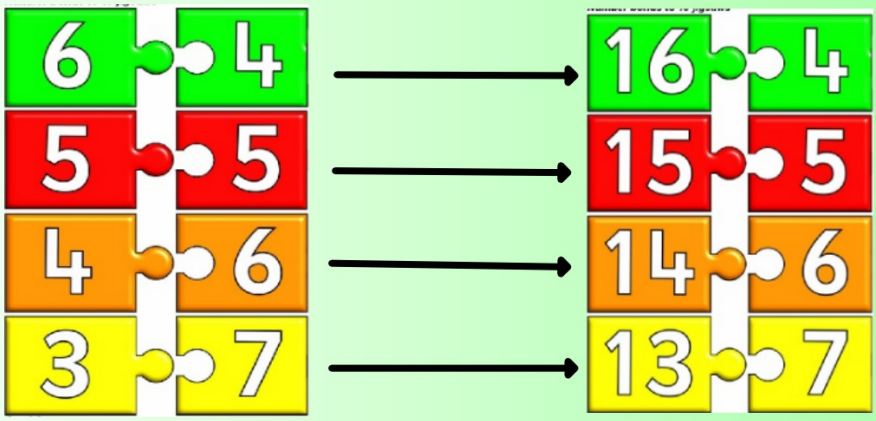
Let's Recap

Introduce

Number bonds to 20 are pairs of numbers that add together to total 20.

We can use our number bonds to 10 to help us learn our bonds to 20.

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



Practise and consider

Can we colour in the part we know to help us find the missing part?

9 + ___ = 10

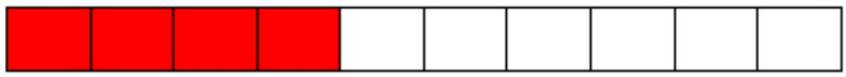
9 + ___ = 20

What do you notice about the two missing parts?

Practise and consider

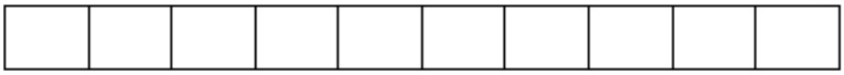
Now it's your turn...

4 + = 10

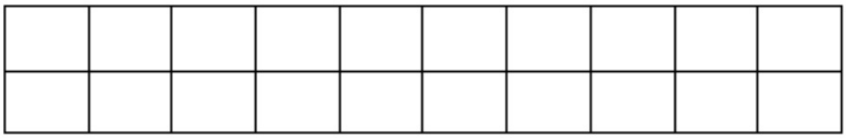


4 + = 20

6 + = 10

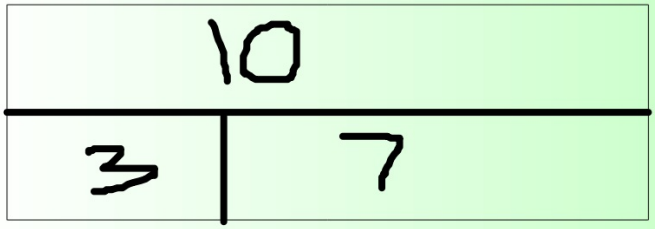


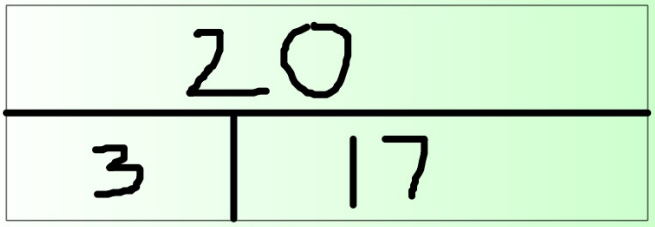
6+ = 20

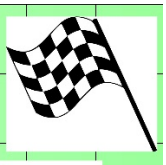


Independent

How can I write these number bond as sums (addition equation?







Mr Ogden has been practising his number bond equations at home.

$2 + 2 = 10$

$5 + 15 = 20$

What mistakes has he made with his presentation?

Now it's your turn. . .

Independent task

Activity 1 – Write these equations into your book and find the missing numbers.

Independent task

3 + ☐ = 10
13 + ☐ = 20

9 + ☐ = 10
9 + ☐ = 20

4 + ☐ = 10
14 + ☐ = 20

5 + ☐ = 10
5 + ☐ = 20

numicon

drawing tens and ones

Deepening

If I know that 4 + 16 = 20 and 16 + 4 = 20, which subtraction equations can I generate?

20	
4	16

4 + 16 = 20
16 + 4 = 20

\- =

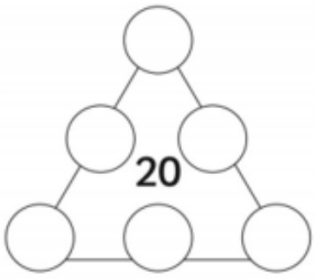
\- =

Deepening

Sam says "If I know that 9 + 1 = 10 then I also know that 19 + 1 = 20

Is he right? Prove it.

Can you use your number bond skills to make sure that each side adds up to 20?



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

Deepening

Use your number bond knowledge to solve these subtractions:

20 - 10 =

20 – 3 =

20 – 15 =

20 – 8 =

Correct the errors with these number bonds to 20:

10 + 10 = 20

2 + 17 = 20

20 = 13 + 7

20 = 5 + 5

Reflection

Well done Year 2!

We are all number bond brainiacs!