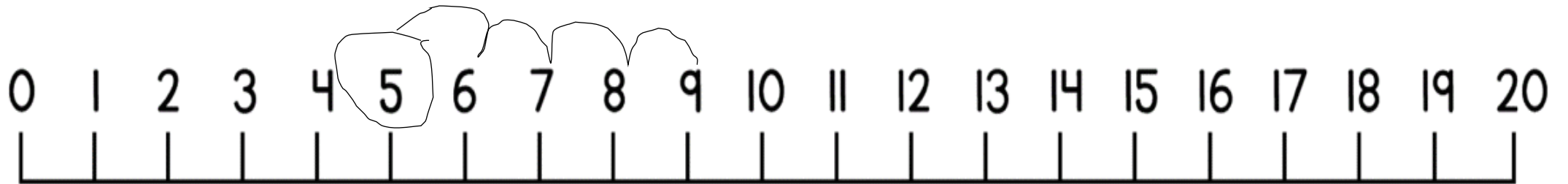


Working out missing
numbers in addition number
sentences

$$\underline{\quad} + 5 = 9$$

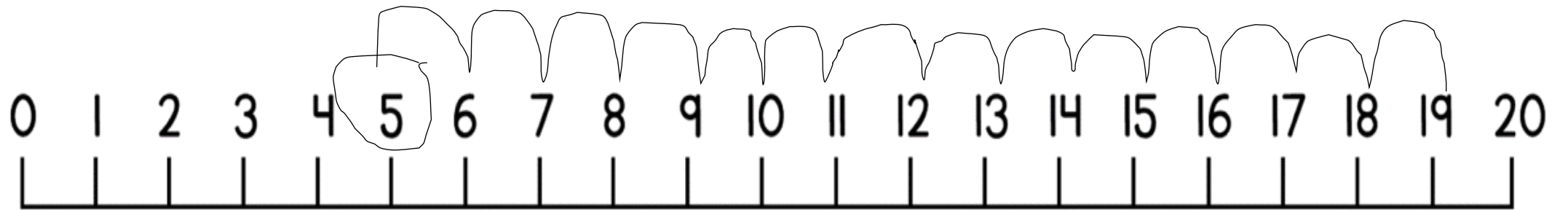
We can use a number line to start from the number we can see and do jumps until we get to the answer.



I have done 4 jumps so my missing number is 4.

$$\underline{\quad\quad} + 5 = 19$$

Now my answer has turned into 19. I wonder what the missing number will be this time? We can still use a number line to start from the number we can see and do jumps until we get to our answer.



I have done 14 jumps so my missing number is 14.

$$4 + 5 = 9$$

$$14 + 5 = 19$$

What is the same and what is different?

Let's have a go at another
one.

$$\underline{\quad} + 2 = 9$$

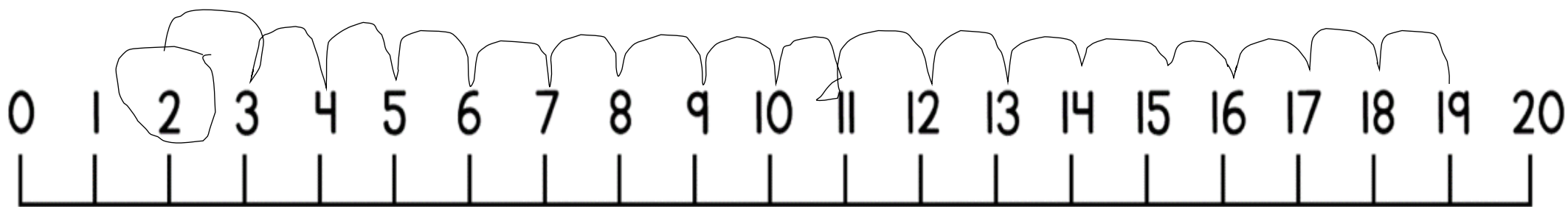
We can use a number line to start from the number we can see and do jumps until we get to the answer.



I have done 7 jumps so my missing number is 7.

$$\underline{\quad\quad} + 2 = 19$$

Now my answer has turned into 19. I wonder what the missing number will be this time? Can you spot a pattern like last time? Let's use the number line just to be sure.



I have done 17 jumps so my missing number is 17.

$$4 + 5 = 9$$

$$7 + 2 = 9$$

$$14 + 5 = 19$$

$$17 + 2 = 19$$

What is the same and what is different? Can you see a pattern now?

$$4 + 5 = 9$$

$$7 + 2 = 9$$

$$14 + 5 = 19$$

$$17 + 2 = 19$$

The 2nd number sentence has 1 ten for 19 and so does the missing number! We can use number sentences which have similar numbers to help us find other number sentences.

$$4 + 5 = 9$$

$$7 + 2 = 9$$

$$14 + 5 = 19$$

$$17 + 2 = 19$$

Can you think of 1 more number sentence for each one? Remember when we add we can swap the numbers over and still get the same answer!

Have a go at the questions on your sheet. If you see the pattern, check you are right with the number line afterwards.