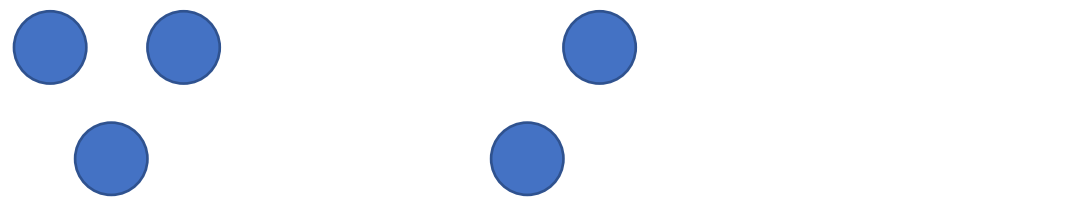
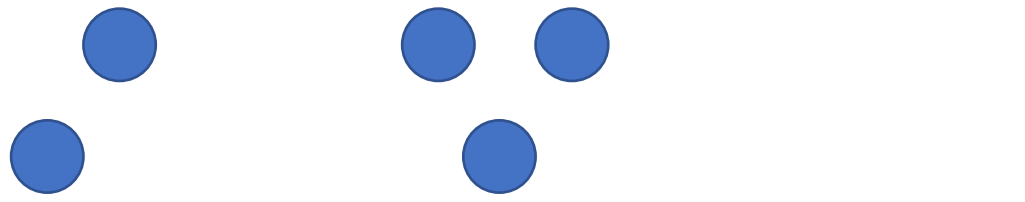


Adding by counting on

I have taught you that
when we add, if we
swap the numbers over
we get the same
answer!

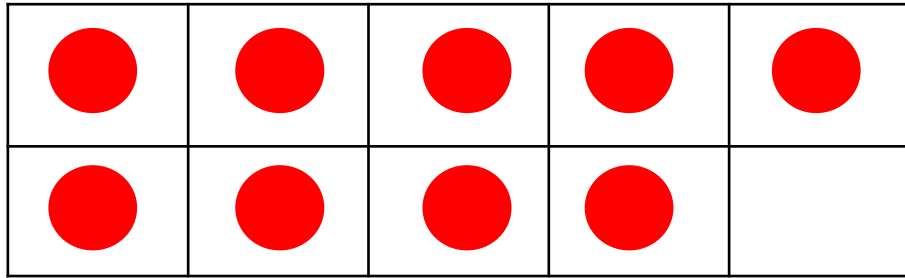
$$3 + 2 = 5$$


$$2 + 3 = 5$$


When we add, it is best to start from the largest number and count on.

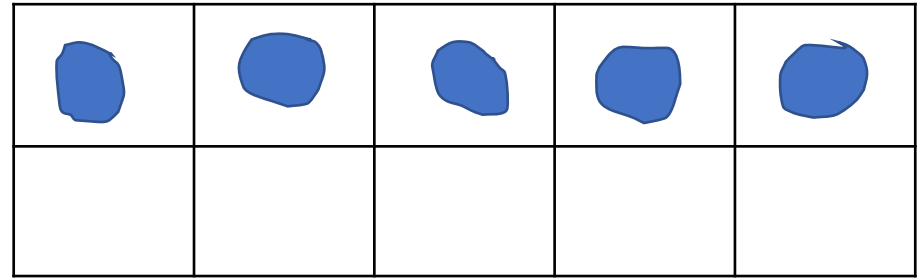
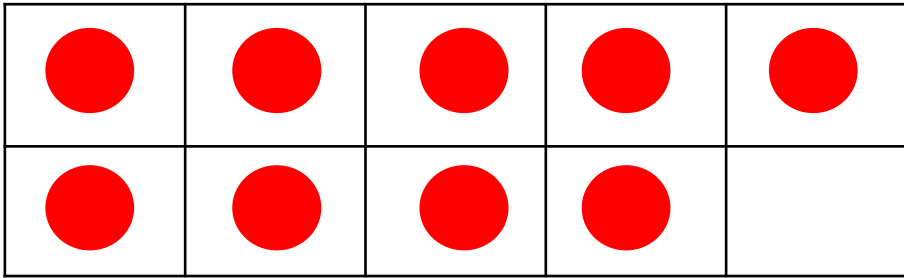
We do not need to count from 1 each time.

$$9 + 5 = ?$$



We can use a tens frame to help us count on. I have already filled in 9 with my counters.

$$9 + 5 = 14$$

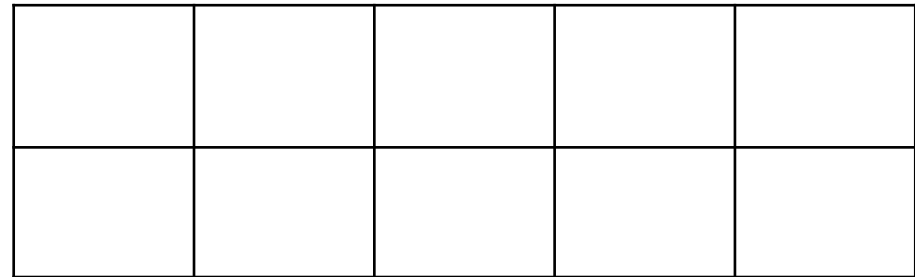
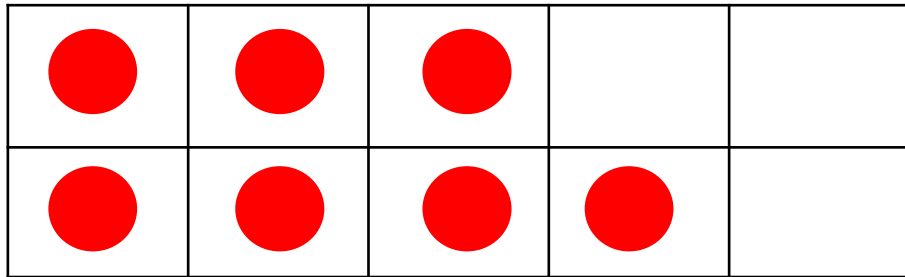


I can draw 5 in the other tens frame. I know there are 9 counters so I can count on from 9 touching and counting all the ones I have drawn.

9...10, 11, 12, 13, 14.

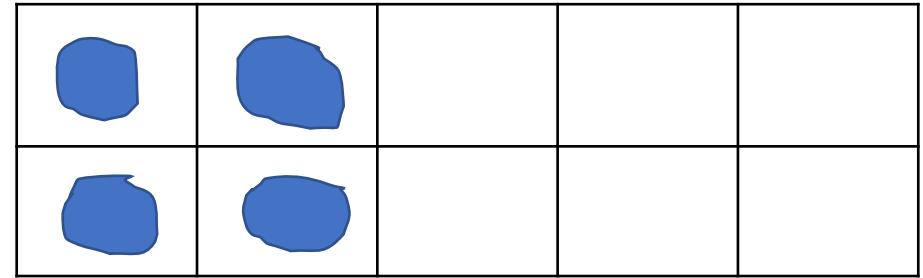
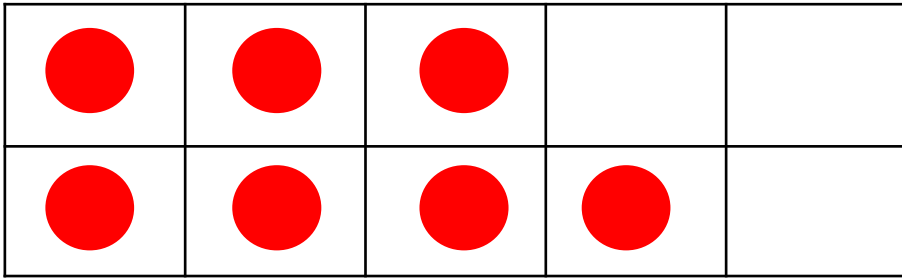
Let's have a go at
another one.

$$4 + 7 = ?$$



I start with 7 because it is the largest number. I have already filled in 7 with my counters.

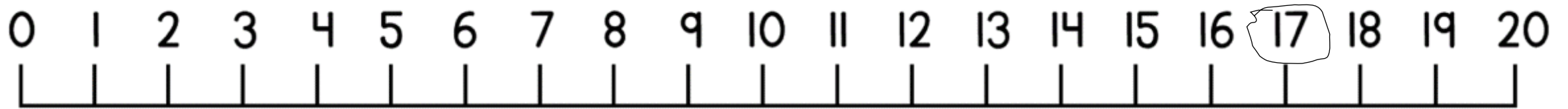
$$4 + 7 = 11$$



I have drawn another 4. I count from 7 touching and counting all the ones I have drawn. 7...8, 9, 10, 11.

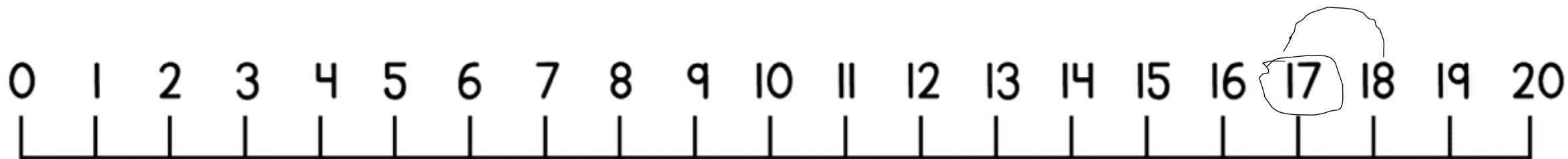
We can use a number
line to help us count on
too.

$$17 + 1 = ?$$



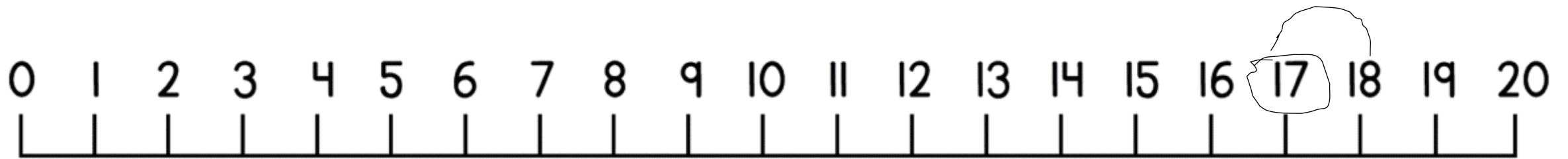
We look at the largest number and circle it.

$$17 + 1 = ?$$



Then we look at our number sentence and see how many jumps we need to do by looking at the other number. In this number sentence it is 1. We do one jump from the circled number.

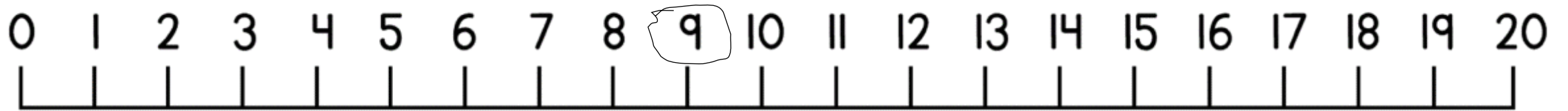
$$17 + 1 = 18$$



17 add 1 jump makes 18 altogether.

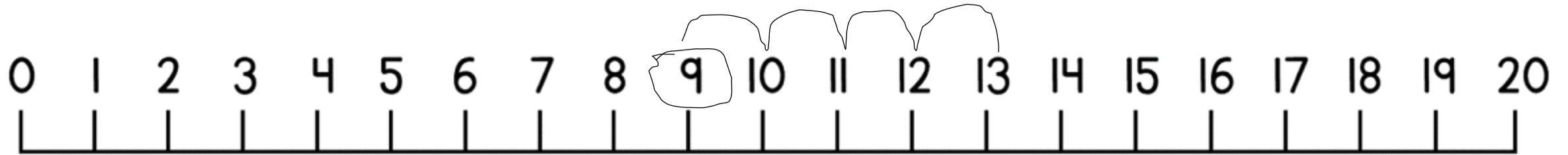
Let's have a go at
another one.

$$4 + 9 = ?$$



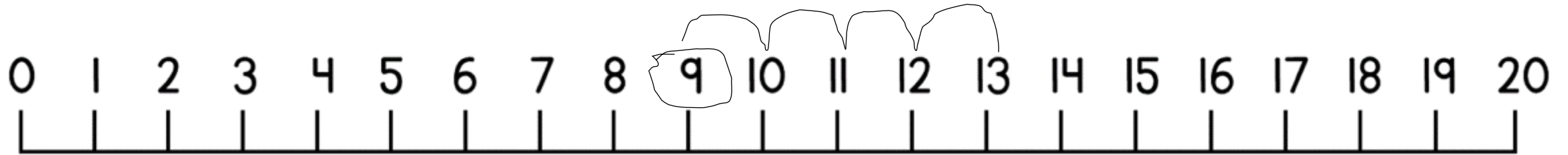
We look at the largest number and circle it.

$$4 + 9 = ?$$



We look at the second number to see how many jumps we need to do. This is 4.

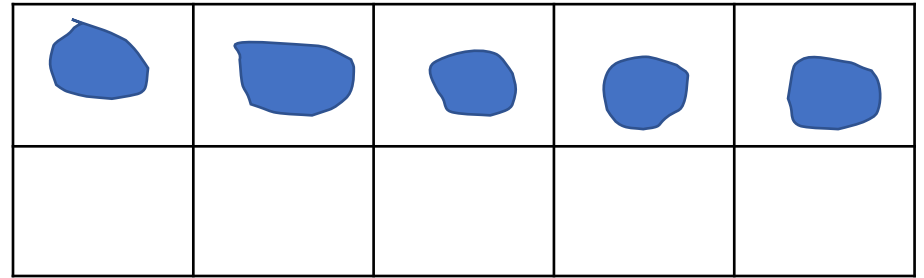
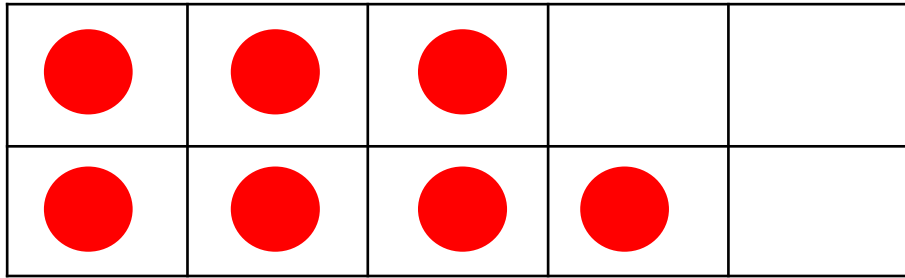
$$4 + 9 = 13$$



9 add 4 jumps makes 13 altogether.

We can work out word problems using tens frames or a number line to help us.

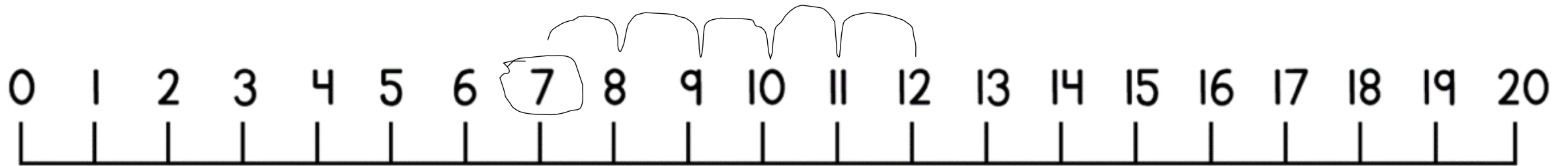
There are 5 children on a bus. 7 more get on. How many children are on the bus now? **12 children**



We already have 7 filled because this is the largest number. Let's draw 5 more.

We can now count from 7 counting and touching all the ones we have drawn.
7...8, 9, 10, 11, 12.

There are 5 children on a bus. 7 more get on. How many children are on the bus now? **12 children**

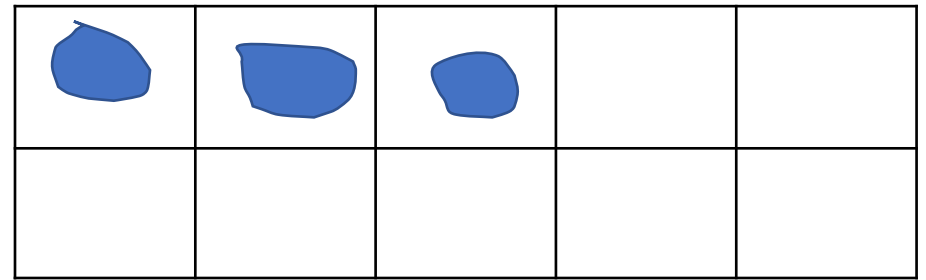
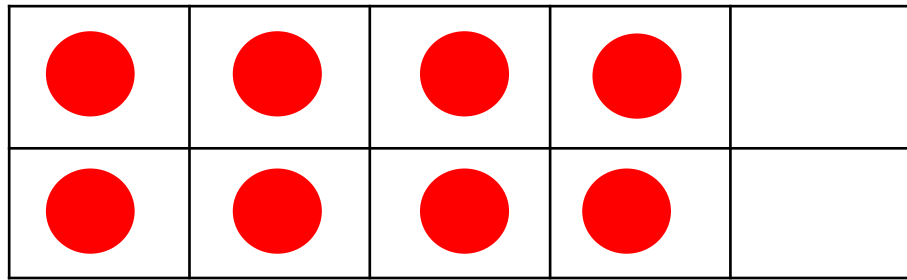


We look at the largest number and circle it.

We look at the second number to see how many jumps we need to do. This is 5.

7 add 5 jumps makes 12 altogether.

Eva has 3 coins. Jack gives her 8 more. How many coins does Eva have now? *11 coins*

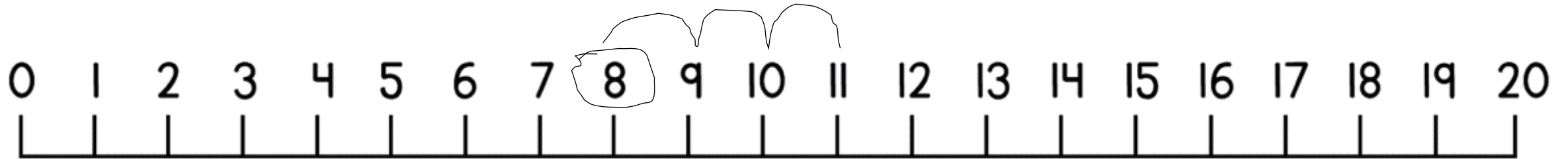


We already have 8 filled because this is the largest number. Let's draw 3 more.

We can now count from 8 counting and touching all the ones we have drawn.

8...9, 10, 11.

Eva has 3 coins. Jack gives her 8 more. How many coins does Eva have now? **11 coins**



We look at the largest number and circle it.

We look at the second number to see how many jumps we need to do. This is 3.

8 add 3 jumps makes 11 altogether.

Have a go at the questions on your sheet. Remember to draw your jumps clearly.

Start from the largest number.

Count on from the largest number.