

USING NUMBER LINES TO
ADD AND SUBTRACT!

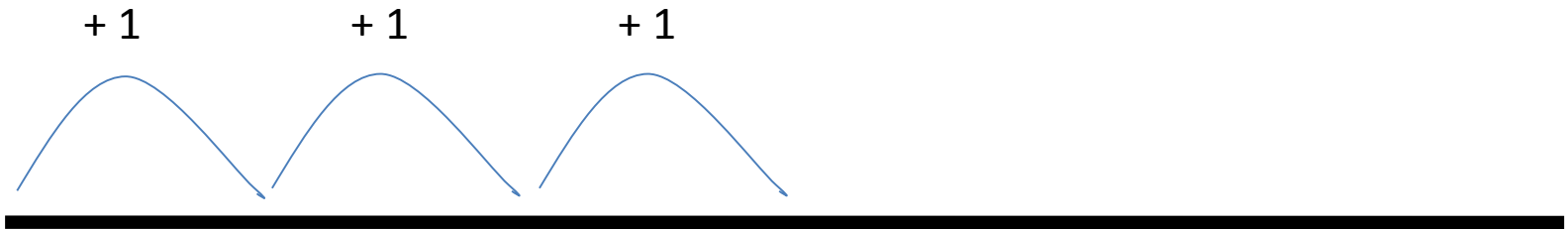


$$8+3=?$$

- First use a ruler to draw your line and write the biggest number at the start of your number line.

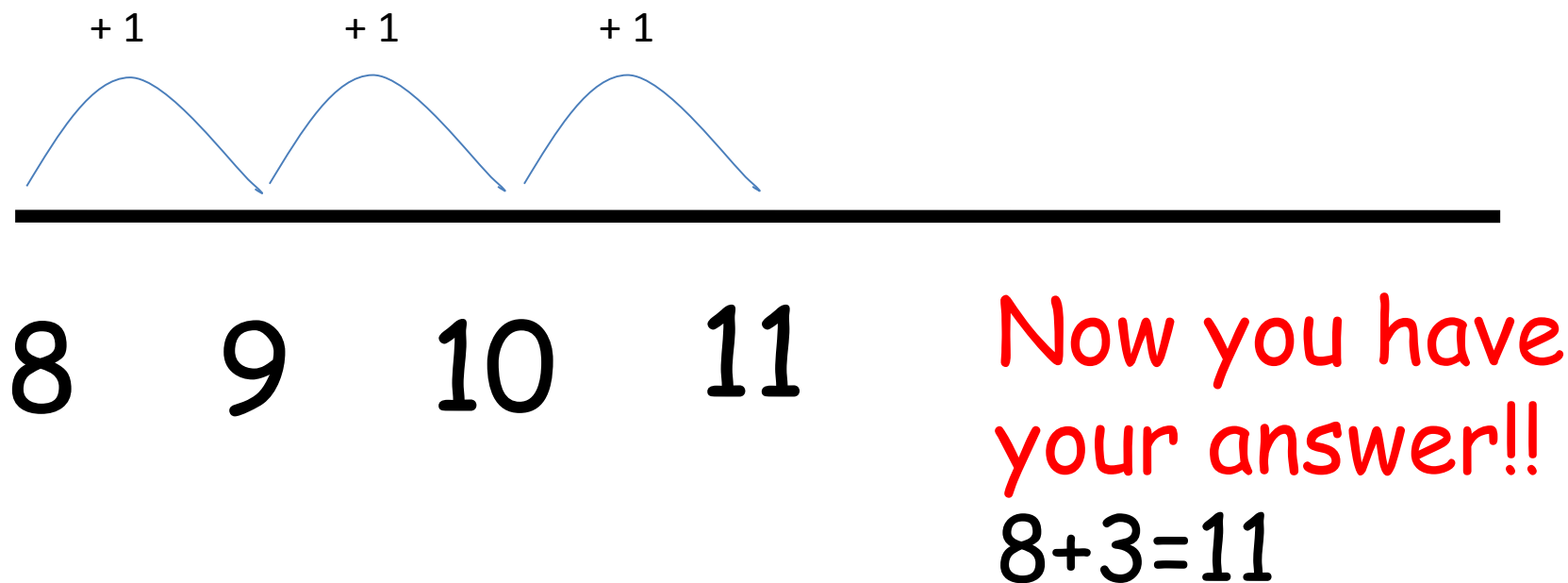
8

- Second draw the number of jumps you need to add on and mark with +1.



8

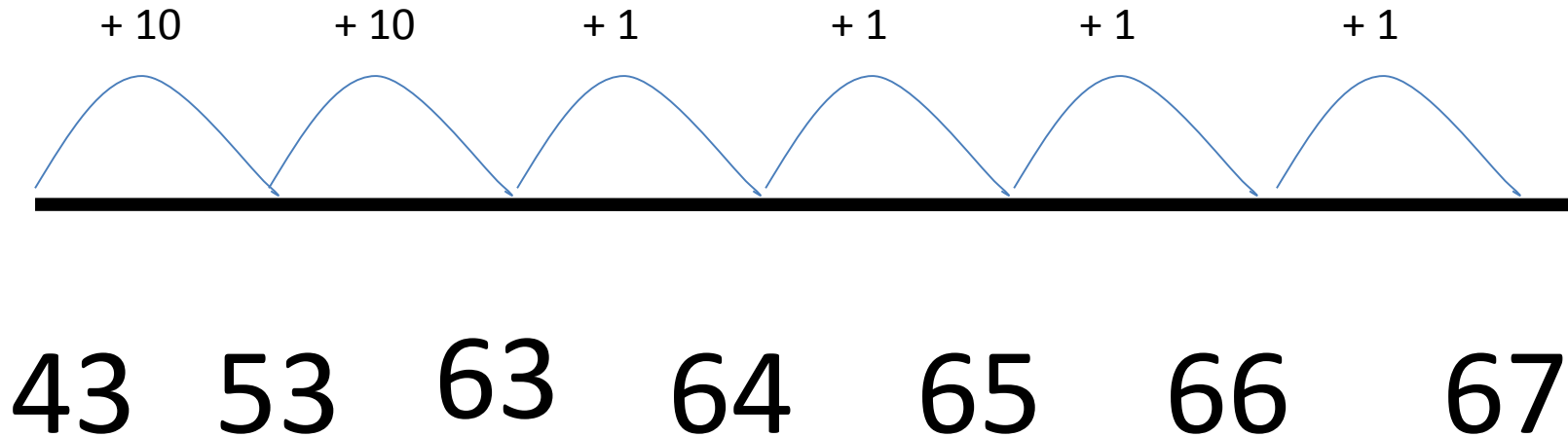
Next write the numbers under the number line.



We can also use number lines to add bigger numbers.

$$43 + 24 = ?$$

- First use a ruler to draw your line and write the biggest number at the start of your number line.
 - Second draw the number of jumps you need to add on and mark with +10 and +1.
- Lastly write the numbers under the number line.



Now you have your answer!! $43 + 24 = 67$

We can also use a number line to take away numbers

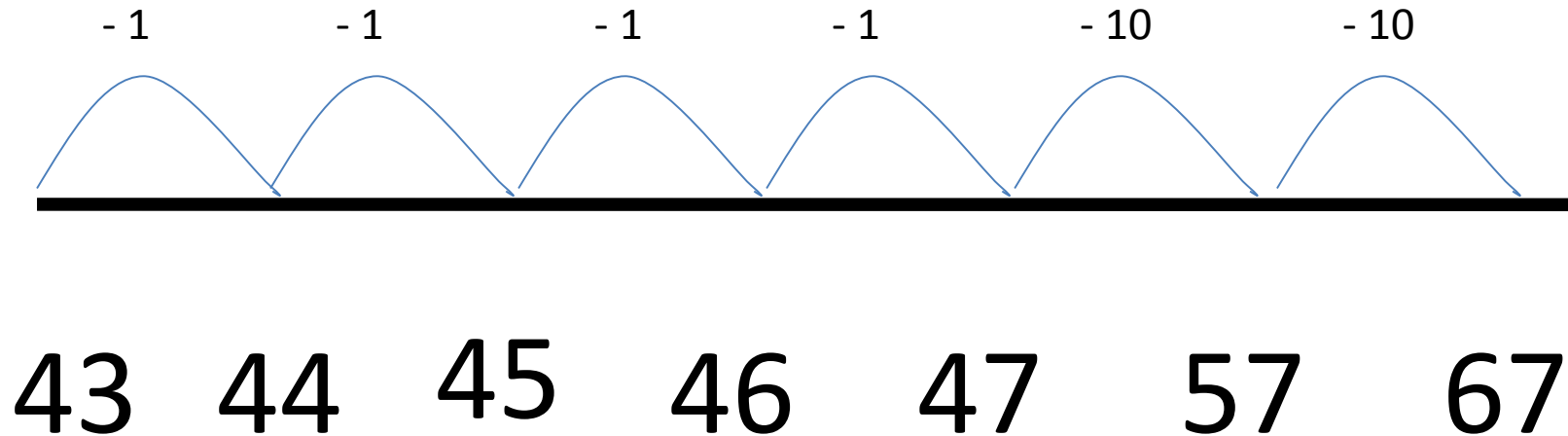
This time we start by putting the biggest number at the right side of the number line.

$$67 - 24 = ?$$

67

Then draw the number of jumps you need to take away on and mark with -1 and -10.

Lastly write the numbers under the number line.



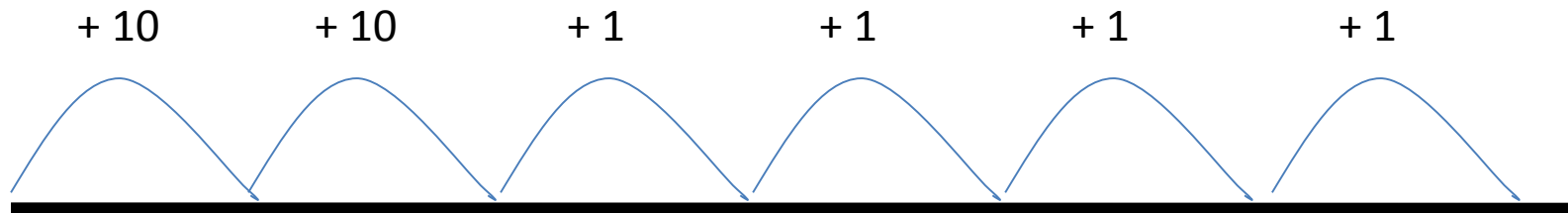
Now you have
your answer!!

$$67 - 24 = 43$$

We can also use number lines to work out the difference between two numbers.

$$43 + ? = 67$$

It's the same as before but you need to put your starting number and end number on first and then work out how many jumps you need to do to get from the smallest number to the biggest number.



43 53 63 64 65 66 67

To get your answer you need to add up how many jumps you've done!

$$\text{So } 10 + 10 + 4 = 24$$

If you feel ready you may want to jump using bigger steps that + 1

It does need you to know your number bonds to 10 really well!!!

$$56 + ? = 72$$

