

Year 2

Halving a multiple of 10 with an even tens number.

Concrete - This means using objects.

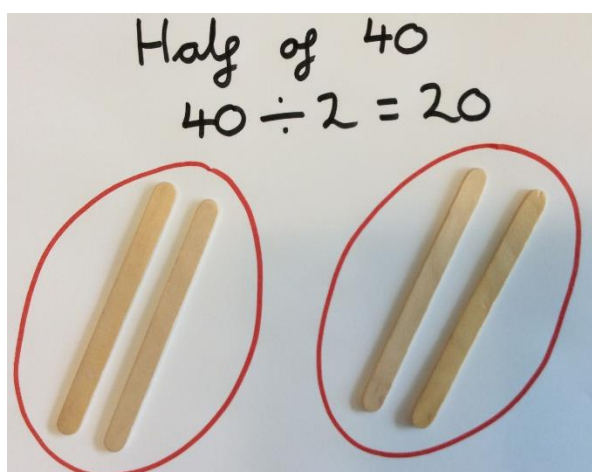
Objects you could use at home:

buttons, stones, sticks, beads, lolly sticks, Lego blocks, pencils, small toys, pom poms

Steps to success:

- Collect some objects from home that you can use.
- When you find half of a number it is the same as dividing by 2. Look at your number sentence for example $40 \div 2 =$
- Represent the greatest using objects. Remember because you are representing a 2 digit number you need to show the tens and the units.
- Now find half by sharing equally between 2 groups. When you are halving a multiple of 10 you need to share the tens equally.
- Count how many you have in each group. Remember you will need to count in tens.

An example for you:



I used objects to represent the number 40. I used four tens.

I shared the tens equally between 2 groups. In each group I have two tens so I know $40 \div 2 = 20$.

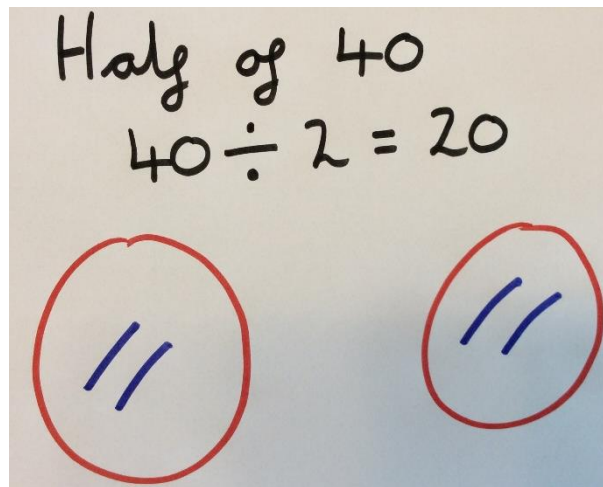
Pictorial - This means using drawings or representations.

Steps to success:

- Find your exercise book.
- When you find half of a number it is the same as dividing by 2. Look at your number sentence for example $40 \div 2 =$
- Now find half of the greatest number by sharing equally between 2 groups. When you are halving a multiple of 10 you need to share the tens equally. Watch the help video to show you how to do this.

- Count how many you have in each group. Remember you will need to count in tens.
- Represent this as a division number sentence.

An example for you:



Abstract - This means doing the calculation mentally in your head.

Steps to success:

- You can use your knowledge of halving 1 digit numbers to help you find half of a multiple of 10 with an even tens number.
- If you know that half of 4 is 2, then you can calculate half of 40.
- 40 has four tens. I know that half of four tens must be two tens. I know that two tens is the same as 20.
- So I know that $40 \div 2 = 20$.

Try these yourself. What will you use to help you?

$$60 \div 2 =$$

$$80 \div 2 =$$