

Year 2

Halving a 2 digit number with even tens and ones.

Concrete - This means using objects.

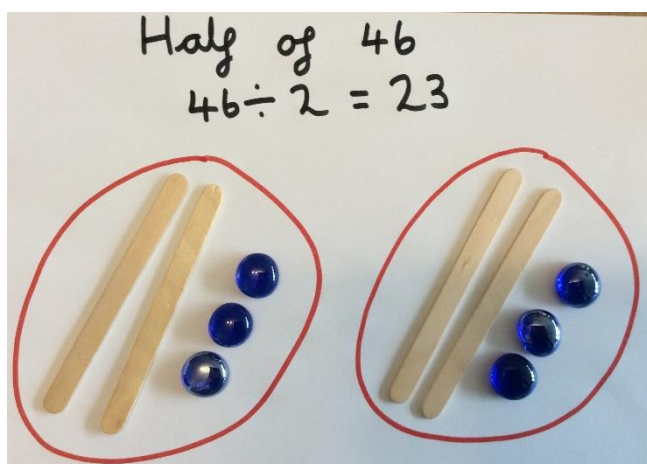
Objects you could use at home:

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 $46 \div 2 =$
- 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 2 digit number first you need to share the tens equally and then share the ones.
- Count how many you have in each group. Remember you will need to count in tens and ones.

An example for you:



I used objects to represent the number 46. I used four tens and six ones.

First I shared the tens equally between 2 groups, then I shared the ones. In each group I have two tens and three ones so I know $46 \div 2 = 23$.

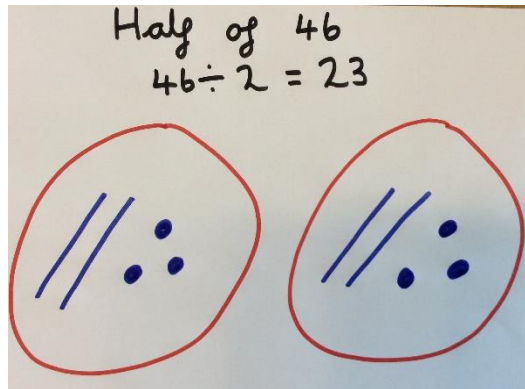
Pictorial - This means using drawings or representations.

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 $46 \div 2 =$

- Now find half of the greatest number by sharing equally between 2 groups. When you are halving a 2 digit number you need to share the tens and ones 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 and ones.
- Represent this as a division number sentence.

An example for you:

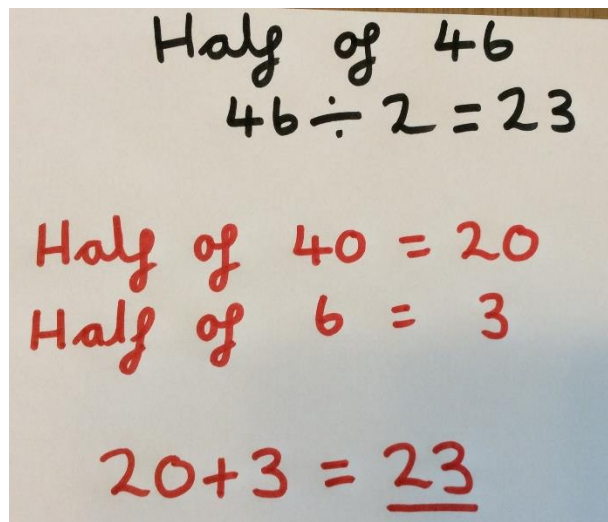


Abstract - This means doing the calculation mentally in your head.

Steps to success:

- You can use your knowledge of halving 1 digit numbers to help you find half of a 2 digit number with even tens and ones.

An example for you:



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

$$64 \div 2 =$$

$$88 \div 2 =$$