

Year 1

Multiplication as repeated addition.

Concrete - This means using objects.

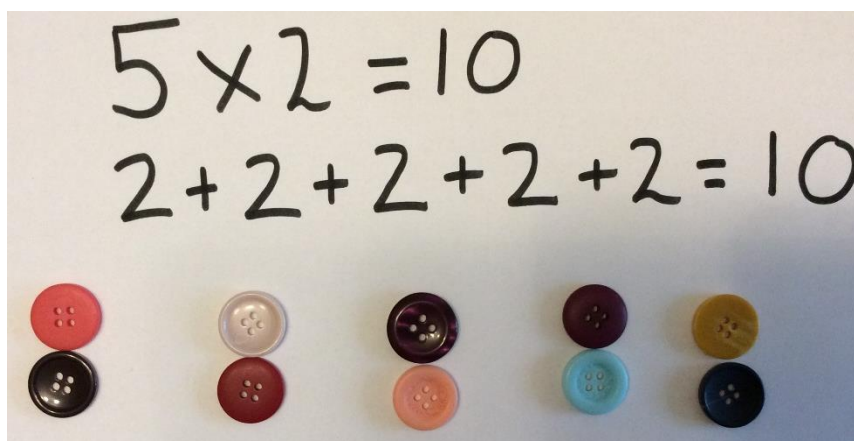
Objects you could use at home:

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.
- Look at your multiplication number sentence for example $5 \times 2 =$
- 5×2 is the same as $2 + 2 + 2 + 2 + 2 =$. This is a **repeated addition**.
- You can show this using objects by making five lots of 2.
- Count how many objects you have altogether. You could count them altogether or count them in groups of two. Watch the help video to show you how.

An example for you:

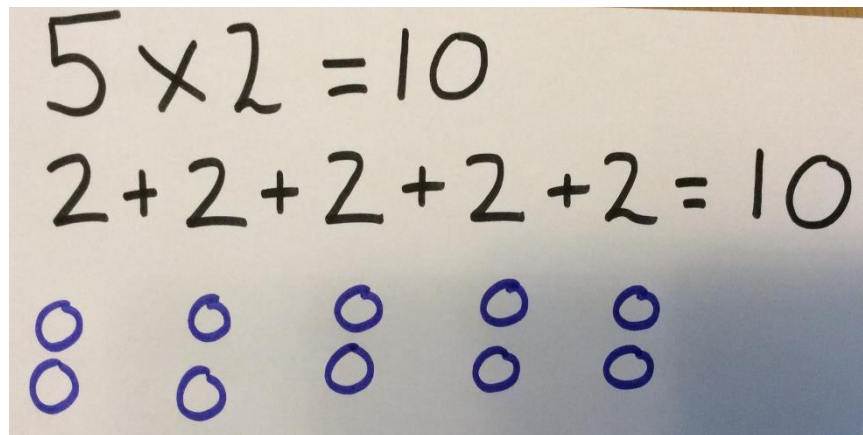


Pictorial - This means using drawings or representations.

Steps to success:

- Find your exercise book.
- Look at your multiplication number sentence for example $5 \times 2 =$
- 5×2 is the same as $2 + 2 + 2 + 2 + 2 =$. This is a **repeated addition**.
- You can show this by drawing five lots of 2.
- Count how many spots you have altogether. You could count them altogether or count them in groups of two. Watch the help video to show you how.

An example for you:

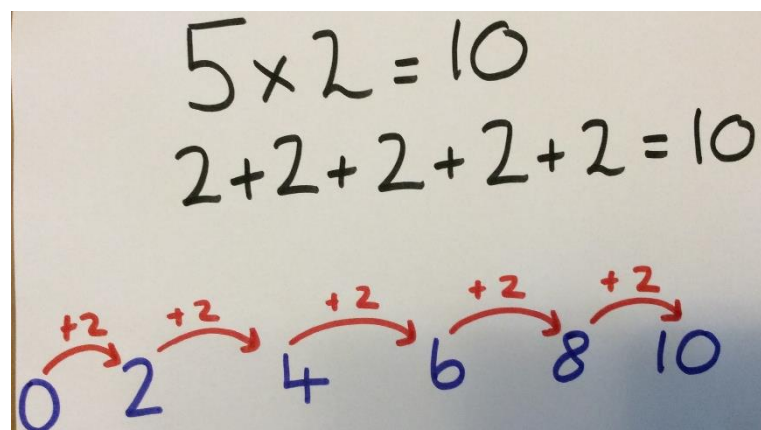


Abstract - This means doing the calculation mentally in your head.

Steps to success:

- Once you are confident counting in twos, fives and tens you will be able to calculate repeated additions in your head.

An example for you:



Try these yourself. Write them as a repeated addition. What will you use to help you?

$$4 \times 2 =$$

$$3 \times 5 =$$