

01.06.20

WALT: Count in 5's

Lesson taken from BBC bitesize: <https://www.bbc.co.uk/bitesize/articles/zhn6pg8>

Learn the 5 times table by counting in fives and looking at arrays and number patterns.

This lesson includes:

- one video
- three activities

Learn

The 5 times tables

Watch this KS1 Maths video from Bitesize and listen to the song all about the 5 times tables.

Counting in fives

Here is a counting pattern:

5, 10, 15, 20, 25, 30, 35, ...

This pattern **goes up in fives**.

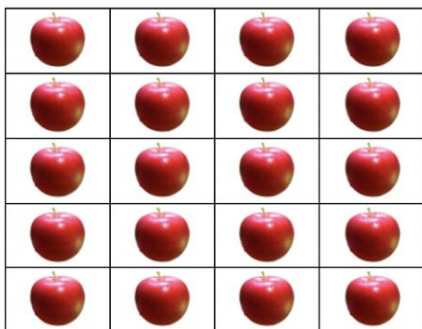
From each number, we add 5 to get the next number.

Can you count on in fives to get to 60?

Groups of 5

This array has 5 apples in each column.

There are 4 columns, making 4 lots of 5.



As a repeated addition this is written:

$$5 + 5 + 5 + 5$$

Or 4 lots of 5 is the same as 4×5 and $4 \times 5 = 20$.

$$1 \text{ lot of } 5 = 5$$

$$1 \times 5 = 5$$

$$2 \text{ lots of } 5 = 10$$

$$2 \times 5 = 10$$

$$3 \text{ lots of } 5 = 15$$

$$3 \times 5 = 15$$

$$4 \text{ lots of } 5 = 20$$

$$4 \times 5 = 20$$

This set of number facts are from the 5 times table.

Example 1

This number track shows the 5 times table. Some numbers are missing.

5	10		20	25	30		40	45		55	60
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- Can you work out which numbers are missing?
- How did you work out the missing numbers?

Example 2

How many 5p coins make 35p?



Through repeated addition this is:

$$5p + 5p + 5p + 5p + 5p + 5p + 5p = 35p$$

Or you could do this through multiplication:

$$7 \times 5 = 35$$

$$\text{so } 7 \times 5p = \underline{35p}$$

Top tip

Remember that every number in the 5 times table always ends in 0 or 5.

Practise

Activity 1

Draw an array for each multiplication fact in the 5 times table.

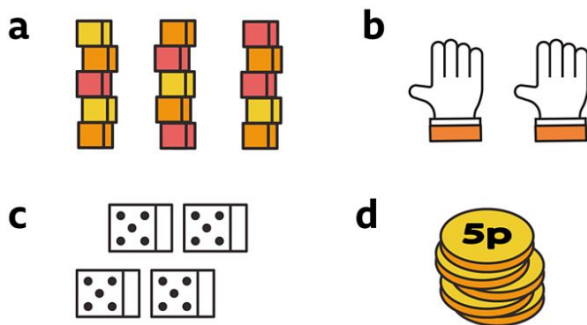
- What do you notice about the arrays you have drawn?
- How are they the same? How are they different?

Practise counting up and down in fives from 0 to 60.

0	5	10	15	20	25	30	35	40	45	50	55	60
60	55	50	45	40	35	30	25	20	15	10	5	0

Activity 2

Now, have a look at these four different representations of 5s.



Think about how you would show each one as:

1. an array
2. a repeated addition
3. a multiplication

Activity 3

Have a go at this 5 times table interactive activity and see if you can get all the questions right.

Activity 4

Karate Cats

Play the multiplication and division level of Karate Cats Maths - can you collect a cool new costume for your cats?



Game - Karate Cats Maths

KS1 Maths