

## Week 6 - Maths lesson 2

1. Begin by watching this short BBC bitesize song about halving and quartering.

<https://www.bbc.co.uk/bitesize/clips/z6bq6sg>

***For this lesson you will need up to 20 objects that you can share between you - split in half. Also cut out the squares from the next page.***

2. Look at the picture of the donut. The red line shows where Mrs Morgan has cut it in half to share with Mrs Tandy. Has she done it correctly?



If you think it is wrong where would be a better place for her to cut the donut so they both have an equal amount?

3. Now give your child the cut out squares and ask them to fold them in half. Each one in a different way. They may need support to make sure that the edges meet; they may also take longer to notice that they can be folded from corner to corner. As an additional teaching point you can discuss the different shapes made after folding i.e. rectangles and triangles. You may need extra as sometimes they fold so much you can't see the correctly folded line.
4. Children will use their knowledge of finding half of an object to find half of an amount. It is important that they count how many objects they have before they begin to half.

Lay out 4 objects and ask the following questions:

How can we find half of a number?

How many groups do we need to share our objects between?

How can you check you have found half?

How many equal parts should you have if you have if you have split the number in half?

Let them half the 4 objects between you. Ask them what is half of 4?

Repeat to them  $\frac{1}{2}$  of 4 is 2.

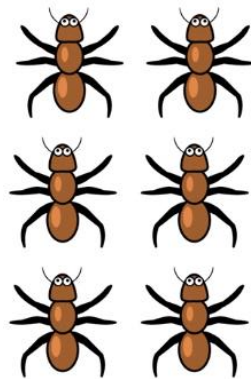
Continue with different numbers. Remind them to count the objects first so they know what they are halving and also what the whole number is.

Always ask them to repeat the sentence **half of \_\_\_\_ is \_\_\_\_**

5. Can you find half of the ants? The ants are in **rows** and **columns** like an **array**.  
*Share this with your child- it makes it easier to see half.*

First find out how many ants there are altogether.

Can you draw a circle around half of the ants?



Complete the sentence - Half of 6 is \_\_\_\_\_.

6.

If this is half of the buttons, how many are there altogether?



Half of  is

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To be cut out before the lesson - you will only need 4 but best to have a few in case of mishaps!

