

**Maths 28.5.20** Division by repeated subtraction.

You need your adult! Get them to sit with you while you read through this diagram.

It looks hard... but you can do it!

When we divide, we are sharing or grouping the numbers. If I have 10 sweets and I have 2 children to share them between, I need to make sure they get the same. To find the answer you can use this diagram.

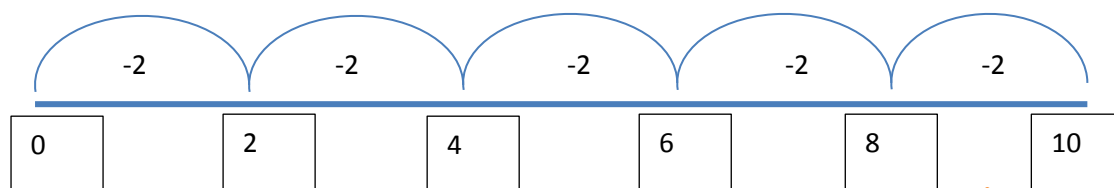
Draw a line. On the right, under the line, put 10



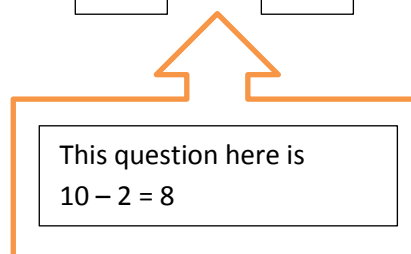
Then, we want to share the 10 sweets between 2 children. This method uses subtraction again and again. It's called repeated subtraction. So to share between 2 children we must repeatedly take away 2. (take 2 away again and again.)



You then need to put the answer under the line to show what has happened when you did the subtraction. So  $10 - 2 = 8$ . Mark the 8 under the subtraction jump you did. Then keep going along the line -2 each time.

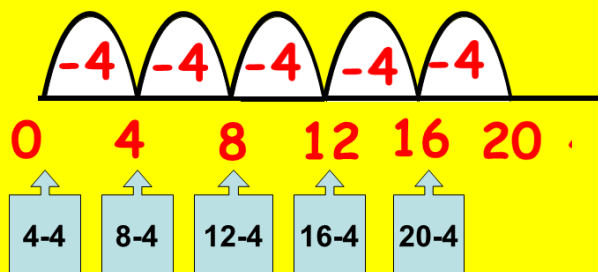


= to get your answer, you must count how many times you had to take away to get to 0. So count up the total number of jumps you did.



See the next diagram on the page below.

$$20 \div 4 = 5$$



How many 4's have been subtracted?

That means, there are 5 fours in 20!

In your book, try the following questions.

You only need to do 3 questions as they take a while using the diagram. If you want to, there are a bonus two questions which are a little harder, but you don't *have* to do those.

1.  $8 \div 2 =$

2.  $12 \div 3 =$

3.  $15 \div 3 =$

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4.  $21 \div 3 =$

5.  $25 \div 5 =$