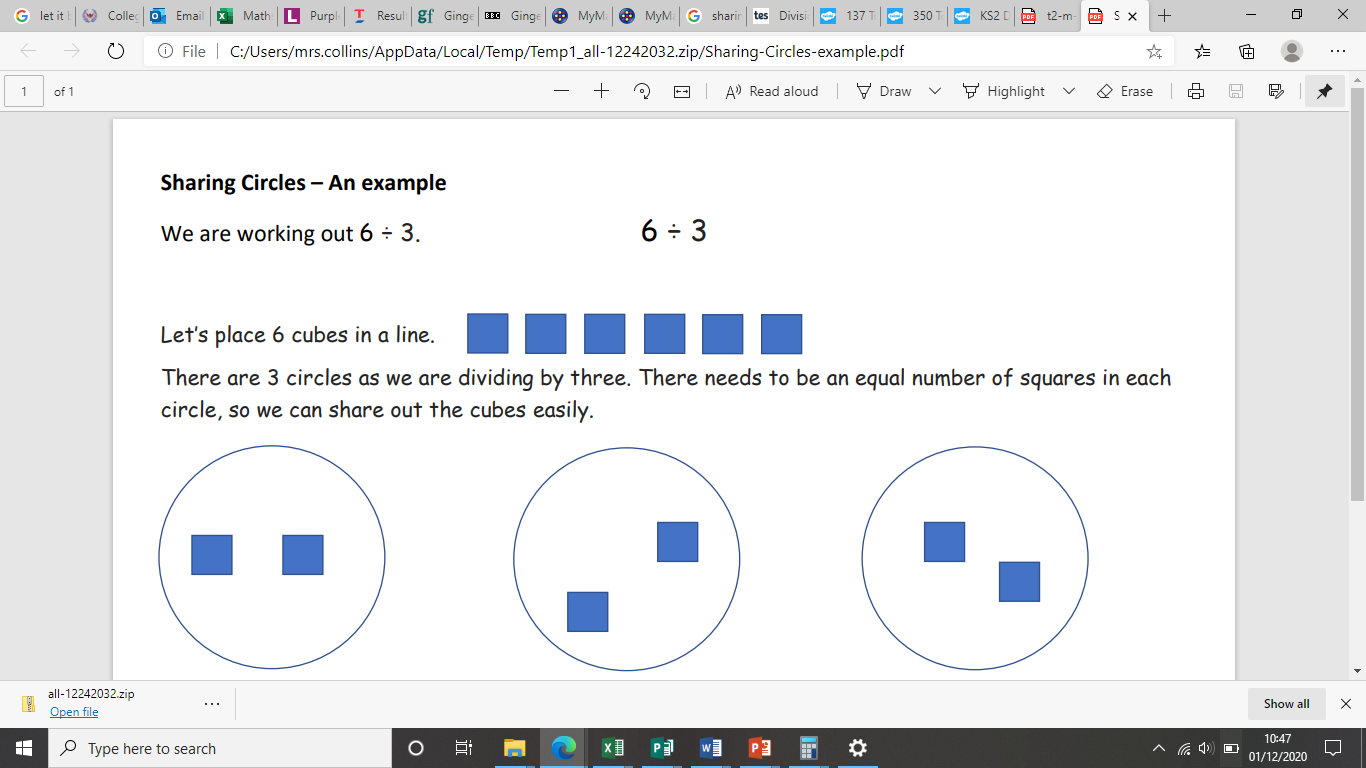
**Maths Level – Yellow** Entry Level 2/3

**Topic: Division**

**AIM: To be able to understand how to divide numbers using the ‘bus stop method’ and use this method to solve word problems.**

**How to guide:**

Division is splitting into equal parts or groups.



Division is also the inverse operation to multiplication

Example 1: 5 x4 = 20 if we invert this is looks like 20 ÷5 = 4

Example 2: 3 x 2 = 6

2 x 3 = 6

6 ÷ 3 = 2

6 ÷ 2 = 6

You can see that all the same numbers have been used.

Practice these questions using your knowledge of times tables

1. 5 x 6 = \_\_

\_\_ ÷ 5 = 6

1. 10 x 3 = \_\_

\_\_÷ 10 = 3

1. 4 x 7 = \_\_

\_\_ ÷ 7 = 4

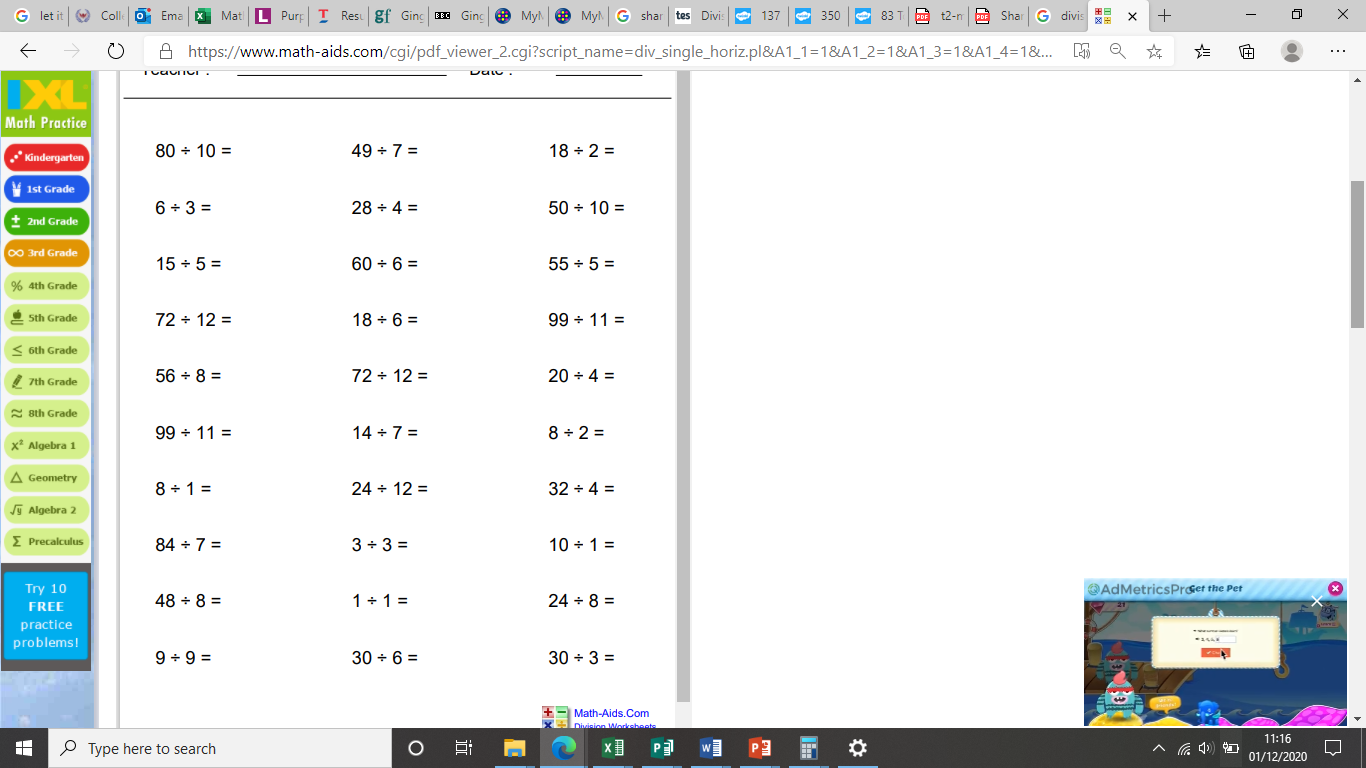
1. 2 x 12 =\_\_

\_\_÷ 12 = 2

1. 9 x 3 = \_\_

\_\_ ÷ 9 = 3

Now that you have a technique for division complete these questions



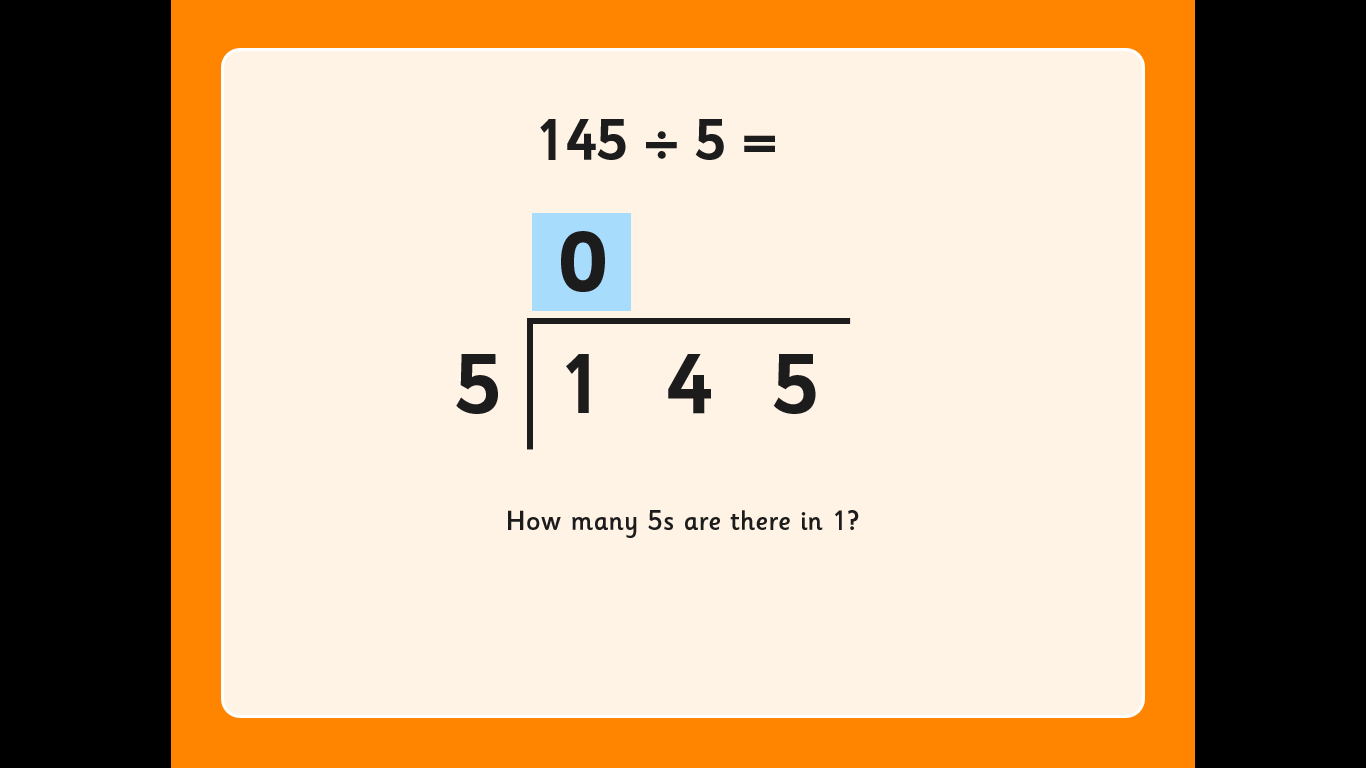
**How to guide:**

*Follow this step by step guide on how to do bus stop method.*

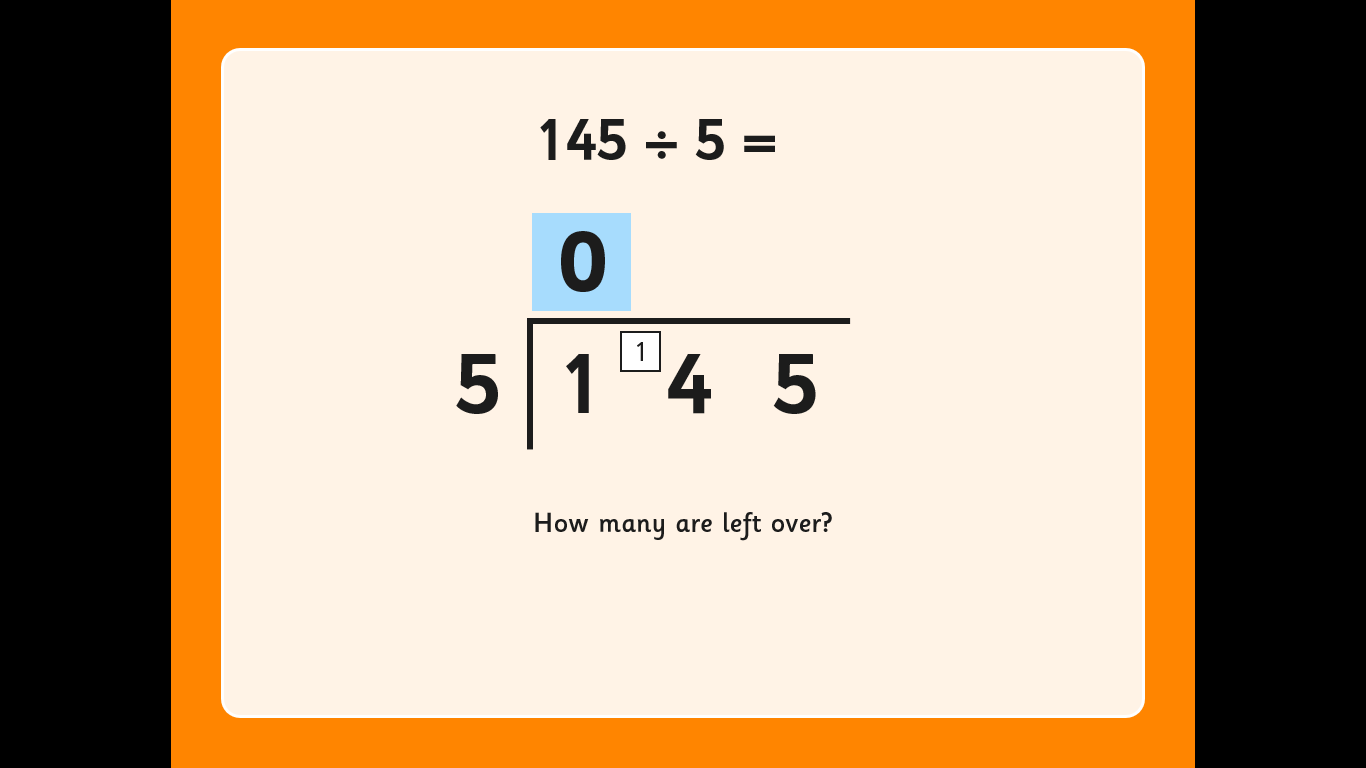
**Watch this video to help to see some examples** [Mr Smith Maths Bus Stop Division - YouTube](https://www.youtube.com/watch?v=trjepeOy2rc&safe=true)

**Example 1**: 145 ÷5 =

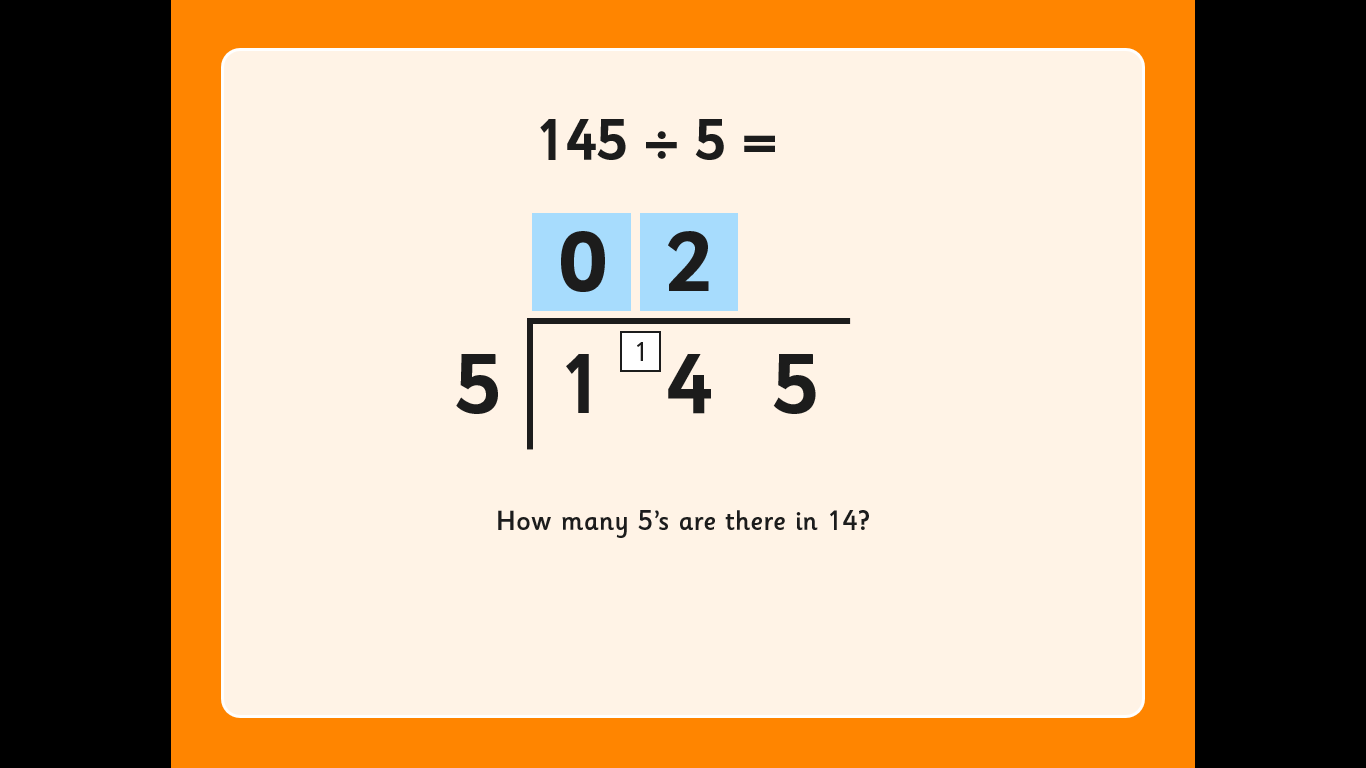
How many fives are there in 1?

There are no fives in 1, so you write a 0 above the five

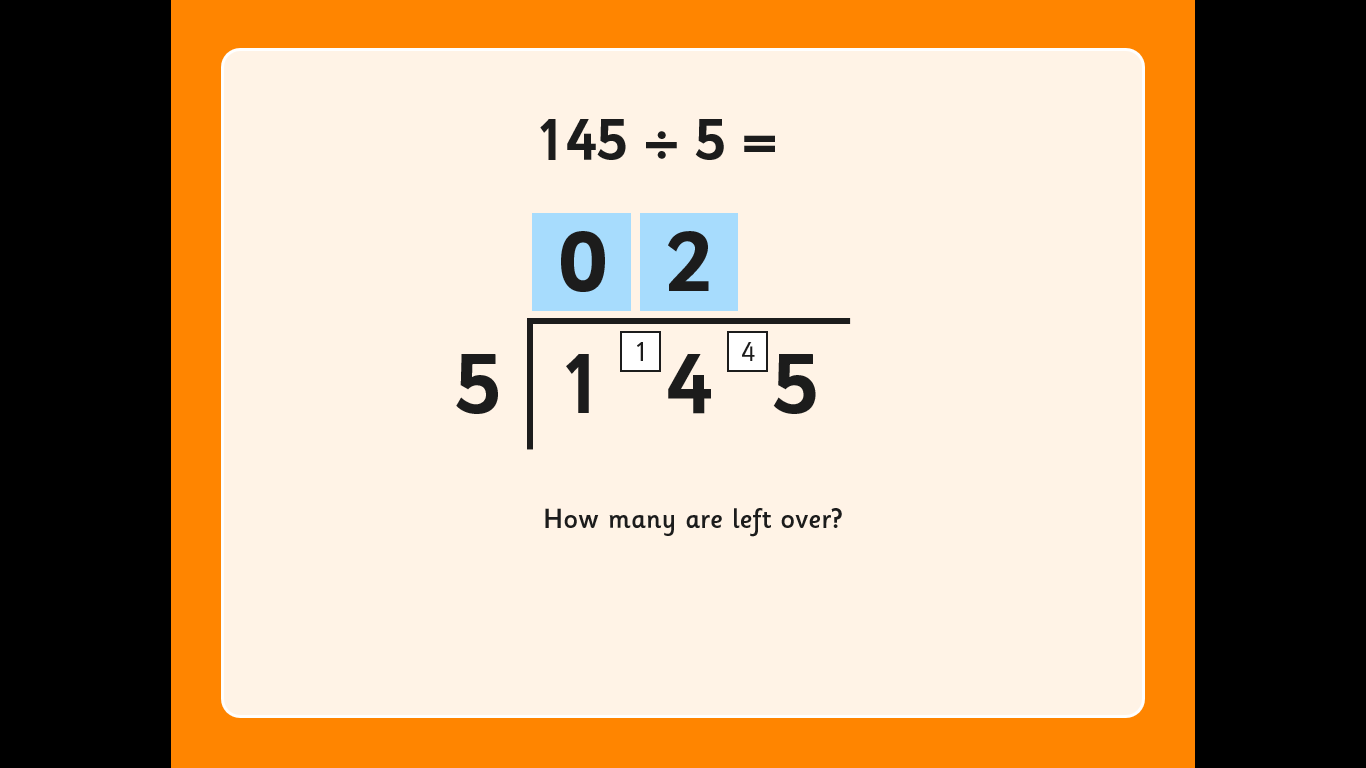
How many are left over?

There was 1 left over so you write that next to the four.

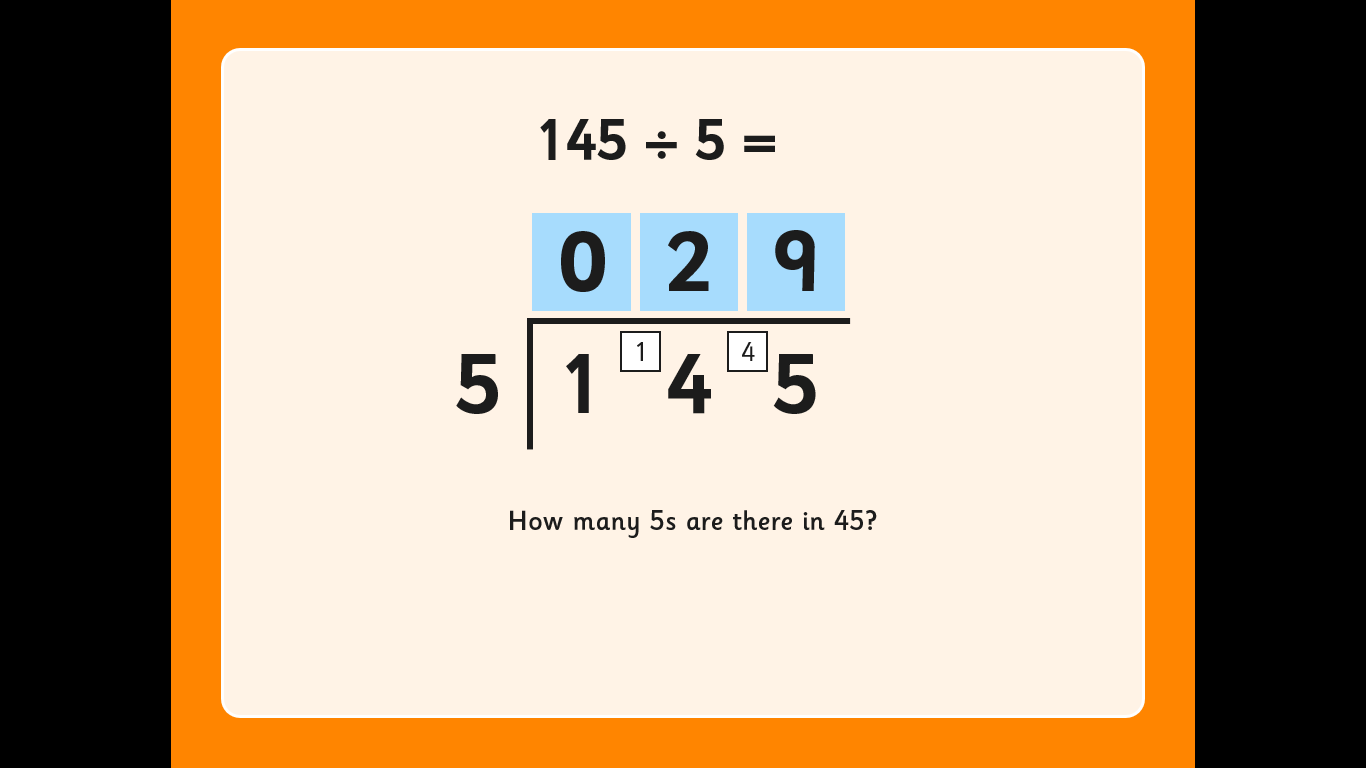
How many fives are there in 14?

There are two fives in 14, (5 x2 = 10) so you write the 2 above the four.

How many are left over?

There is four left over so you write four next to the five.

How many fives are there in 45?

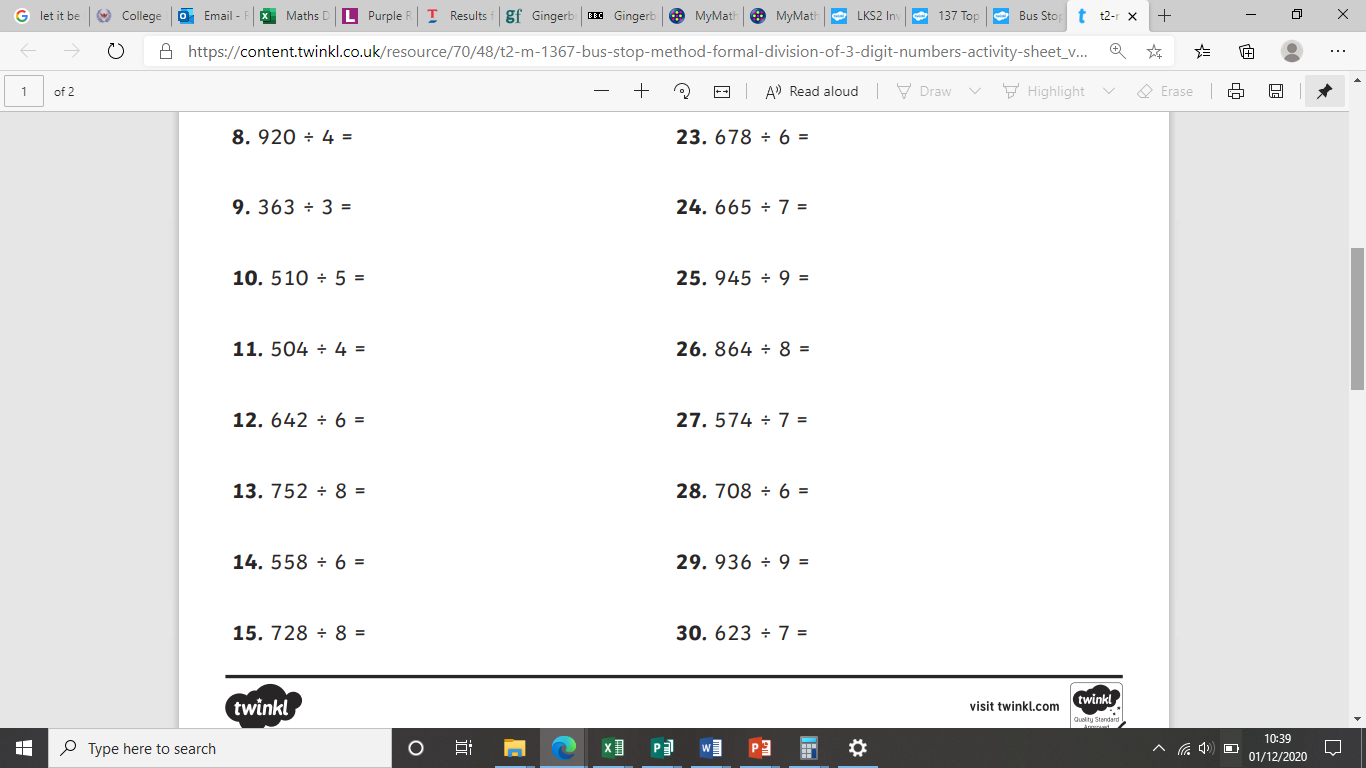
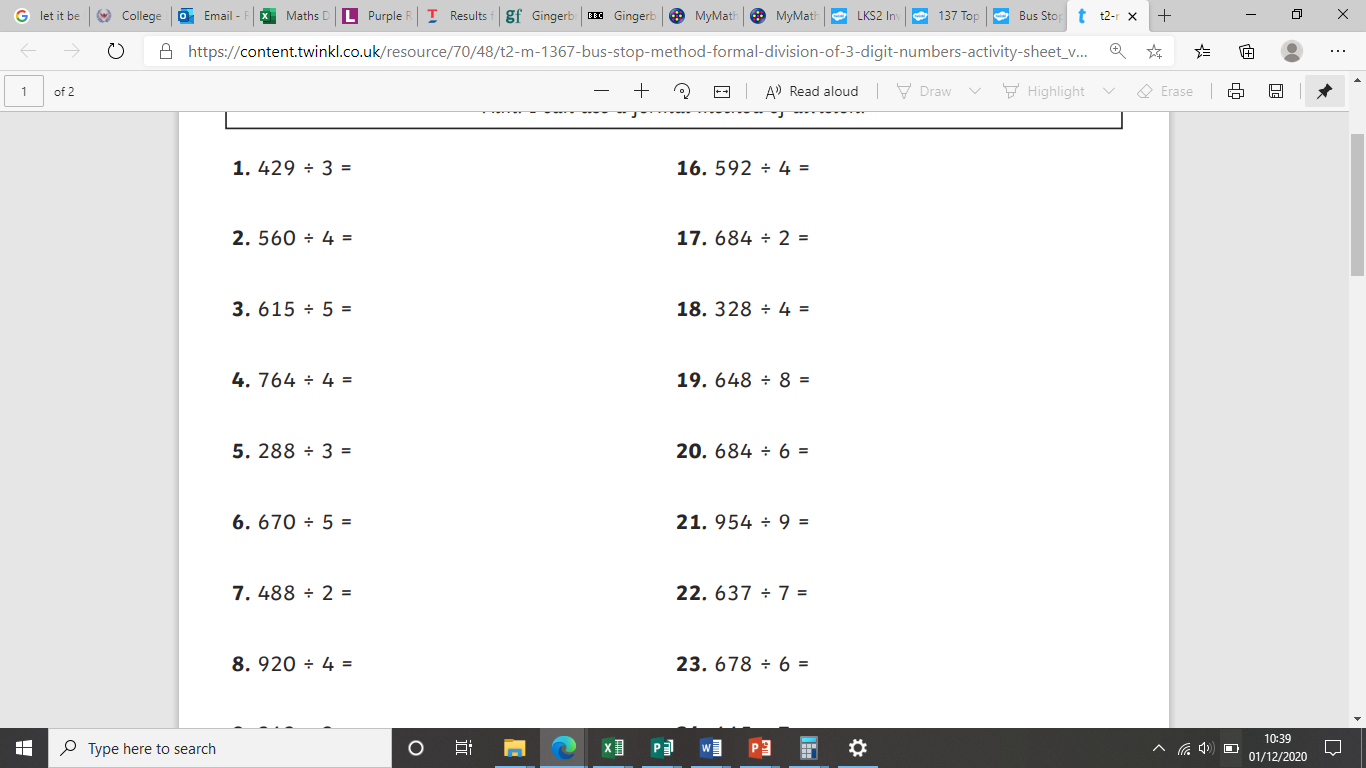
There are 9 fives in 45 (9x5 = 45). So you write the 9 above the five.

**The answer is 145 ÷5 = 29**

**Use the methods above to solve these questions.**

|  |  |
| --- | --- |
| **69 ÷ 3 =** | **88 ÷ 4** |
| **46 ÷ 2 =** | **24 ÷ 2 =** |
| **55 ÷ 5 =** | **36 ÷ 3 =** |
| **70 ÷ 7 =** | **99 ÷ 9 =** |
| **23 ÷ 1 =** | **100 ÷ 10 =** |

**Now try these harder questions using bus stop method**



**Now using the bus stop method solve this word problems.**

