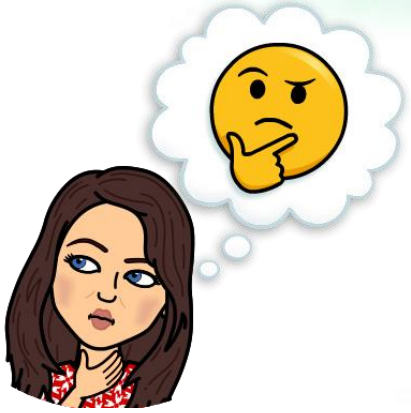
Maths

4.12.20

WALT: Divide by 10

S2S: **I can**

- Use manipulatives
- Identify the link between dividing by 10 and the position of the digits
- Begin to understand the relationship between multiplying and dividing



Let’s Learn

What does dividing by 10 mean?

The number gets 10 **times** smaller.

40 divided by 10 = 4

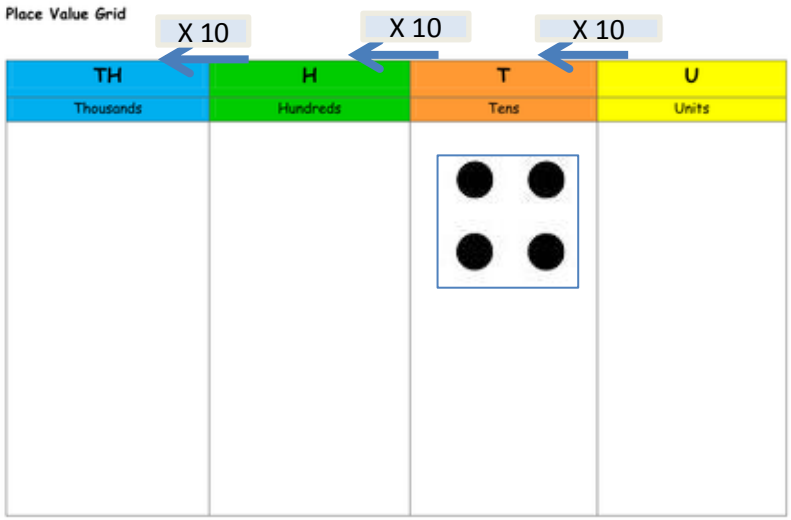
4 is 10 **times** smaller than 40

Let's recap multiplying by 10!

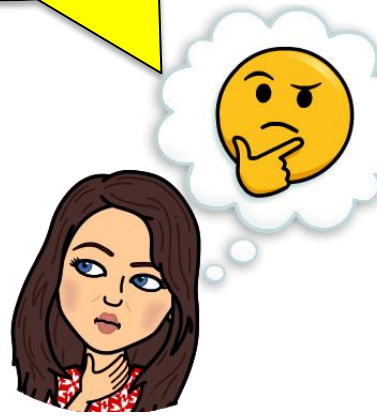
Each time you multiply by 10, you move the counters to the left on the place value grid.

The number has got 10 times bigger.

$4 \times 10 = 40$



What do you think happens to the counters if we divide by 10?



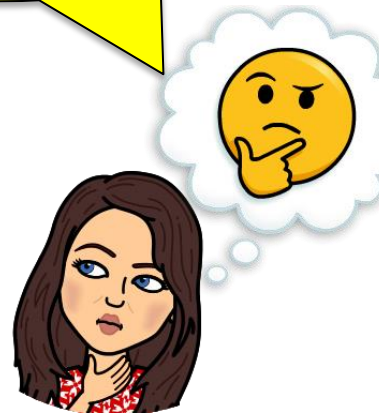
Let’s divide by 10.

Each time you divide by 10, you move the counters one place to the right on the place value grid.

The number has got 10 times smaller.

40 divided by 10 =

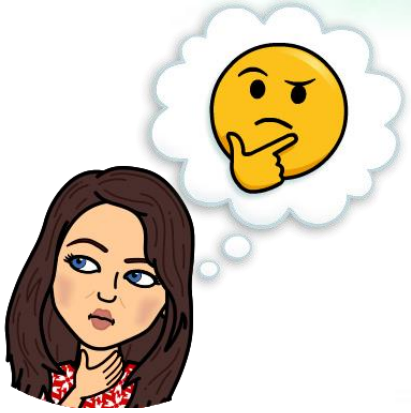
What has happened to the counters?



Place Value Grid

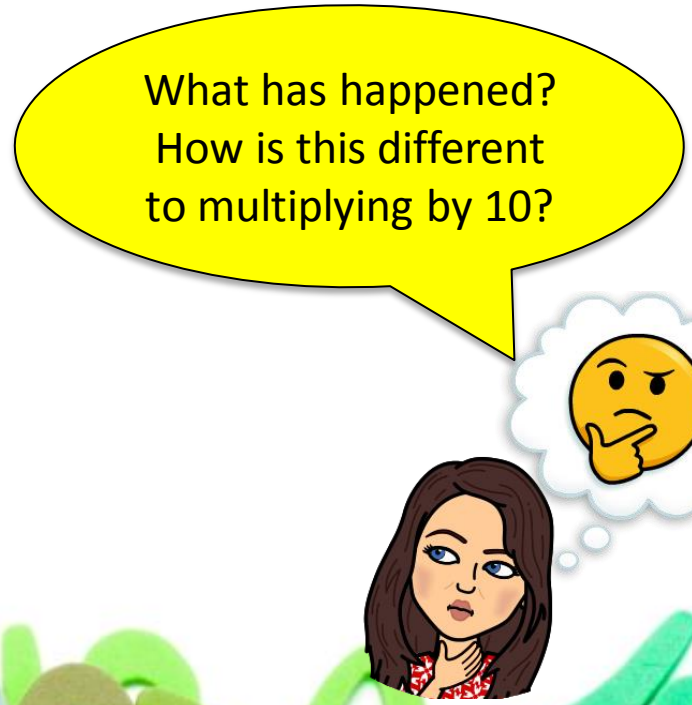
TH	H	T	U
Thousands	Hundreds	Tens	Units
			● ● ● ●

Guided Practice



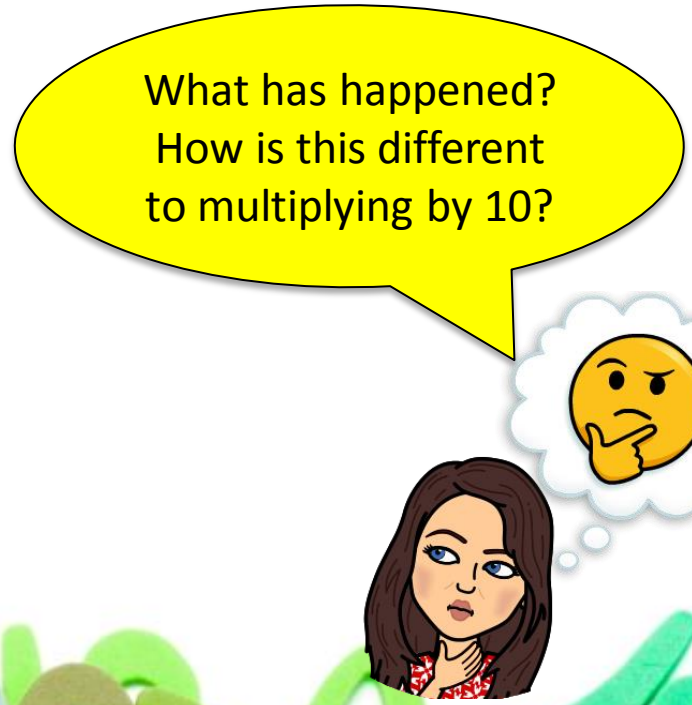
On your place value grids and using your cubes show me...

- 30 ÷ 10 =



On your place value grids and using your cubes show me...

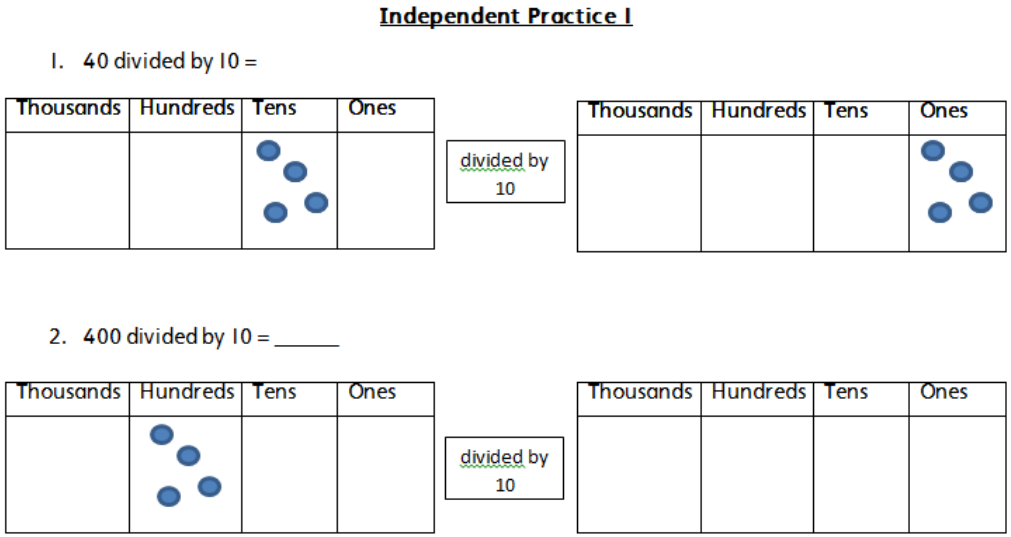
- 230 ÷ 10 =



Independent Practice

Independent Practice 1

Fill in the number sentences and colour in where the counters will be after you have divided by 10.



Independent Practice I

1. 40 divided by 10 =

Thousands	Hundreds	Tens	Ones
		● ● ●	

divided by 10

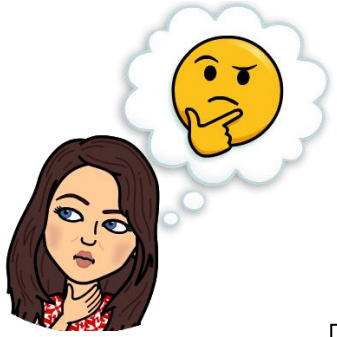
Thousands	Hundreds	Tens	Ones
			● ● ●

2. 400 divided by 10 = _____

Thousands	Hundreds	Tens	Ones
	● ● ●		

divided by 10

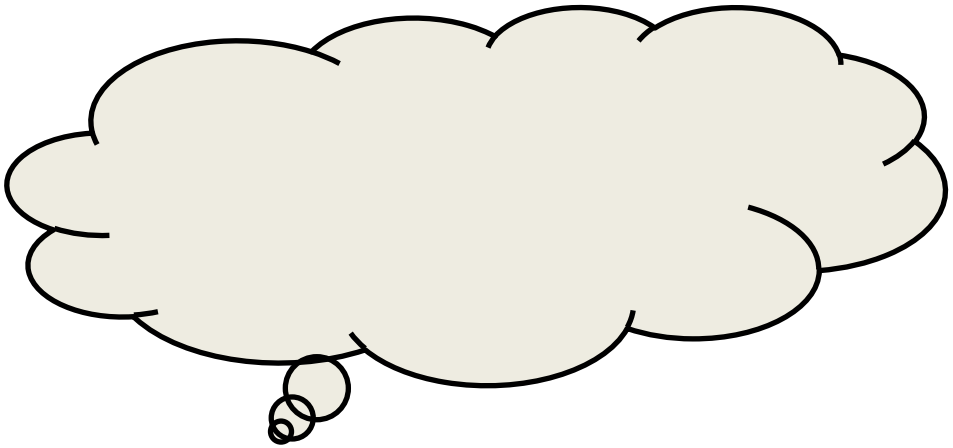
Thousands	Hundreds	Tens	Ones



Challenge

Challenge

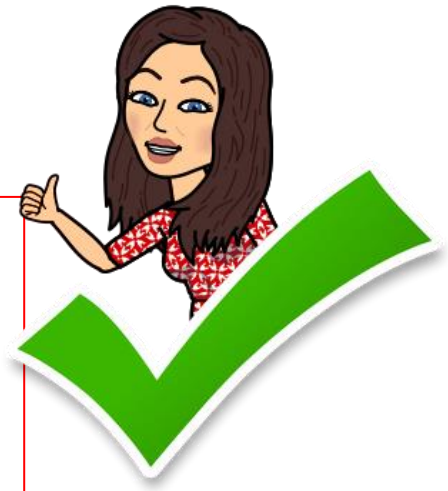
What happens to the digits in your calculation when you divide by 10 and when you multiply by 10? Give examples to help you explain.



Self-Assessment

- Have you been successful today?

- How do you know?



WALT: Divide by 10
S2S: **I have**
***Used** manipulatives
***Identified** the link between dividing by 10 and the position of the digits
***Begun** to understand the relationship between multiplying and dividing