# Maths skills – Follow on from live lesson

Learning objective: to multiply and divide by 10, 100, 1000.

# Warm up- Place values?

Can you name these place values with their vowels removed?

T ns

n s

Th s nds

M II ns

H ndr ths

Copy them into your books with the correct spelling.

# Recap

- When multiplying and dividing by a multiple of 10 (10, 100,1000) we need to move the digits to the left or right in their place values.
- The digits do not change order, they must all move left or right.
- A digit is an individual number such as 1, the number 362 has three digits.
- If you have a gap in one of the place values after multiplying or dividing you need to insert a place value holder (0).
- Multiplying moves the digits left (getting larger).
- Dividing moves the digits right (getting smaller).
- Digits may need to move past the decimal point creating decimal numbers.
- The order of the digits will not change just their position.

# Video recap

- Here are 2 video links to help support this method.
- The first is from the BBc it gives a short explanation, great if you would like a brief reminder. Feel free to attempt the quiz and follow the bitesize lesson.

https://www.bbc.co.uk/bitesize/articles/z7r492p

The second video is in much greater detail from Corbett maths. It will explain the methods in great detail. If needed, use this to remind yourself while you attempt the questions.

https://www.youtube.com/watch?v=csY3fy\_CTLs

Fluency copy and complete in your be	<sub>Dok</sub> <b>1*</b>	5 × 10 = 6 × 100 = 7 ÷ 10 = 4 × 10 =	5 ÷ 10 = 8 ÷ 10 = 7 × 100 = 8 × 10 =
34 × 10 = 65 × 100 = 53 ÷ 10 = 87 × 10 = 785 ÷ 100 =	65 ÷ 10 = 42 ÷ 10 = 17 × 100 = 453 × 10 = 34 × 100 =	2*	
	3*	874 × 10 = 275 × 100 = 3873 ÷ 10 = 673 × 10 = 3802 ÷ 100 =	2264 ÷ 10 = 765 ÷ 10 = 817 × 100 = 734 × 10 = 403 × 100 =

### <u>Reasoning-</u>

use your knowledge of the method to spot the mistakes and correct these questions.
decide which of the questions would <u>multiply</u> by 100 to solve, think about the language used in each question.

3. give real life examples of the question thinking about how it would look at a word problem.



### Plenary – test based questions

These question shave been taken from a year 5 assessment. How confident would you feel at answering them?



