Miss O'Shea's Top Tips for Multiplying and Dividing by 10, 100 and 1000:
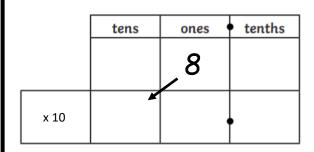
'To the left to the left gets bigger'

'To the right to the right gets smaller'
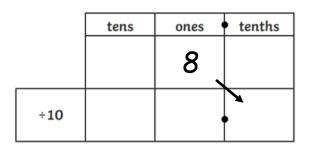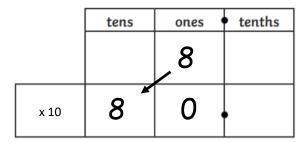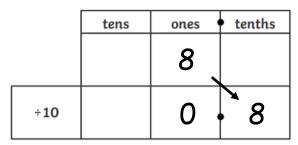
Multiplying by 10	Dividing by 10

$8 \times 10 =$

	tens	ones	•	tenths
			8	
x 10			•	

$8 \div 10 =$

	tens	ones	•	tenths
		8		
÷10			•	

	tens	ones	•	tenths
		8		
x 10	8	0	•	

	tens	ones	•	tenths
		8		
÷10		0	•	8

Remember that if you are multiplying and want the number to be bigger move to the left.

⟵

Remember that if you are dividing and you want the number to be smaller move to the right ⟶

The number of zeros tells you how many place value columns to move.

E.g. 1<u>0</u> = 1 column   1<u>00</u> = 2 columns   1<u>000</u> = 3 columns

Don't forget your place value holders!!!