

LO: to be able to tell you what happens when a multiply a number by 100.

LO2: to be able to multiply a one digit number by 100.

Let's start by multiplying by 10.

To multiply by 10, move all the digits along one place to the left. Remember to put a zero in the units.

H	T	U
	3	0
3	0	0

$$30 \times 10 = 300$$

H	T	U
		5

$$5 \times 10 = \underline{\quad}$$

H	T	U
	4	0

$$40 \times 10 = \underline{\quad}$$

H	T	U
	2	0

$$20 \times 10 = \underline{\quad}$$

To multiply by 100.

To multiply by 100, move all the digits along two places to the left. Remember to put a zero in the units.

H	T	U
		3
3	0	0

$$3 \times 100 = 300$$

H	T	U
		5

$$5 \times 100 =$$

H	T	U
		7

$$7 \times 100 =$$

To multiply a number by a 1000, I would move all the digits _____ along three places to the left.

The zero is called a _____.

Challenge!

Th	H	T	U
			7

$$7 \times 1000 = \underline{\quad}$$