

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

LO2: to be able to multiply one and two digit number 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

$$5 \times 100 = \underline{\hspace{2cm}}$$

H	T	U
		4

$$4 \times 100 = \underline{\hspace{2cm}}$$

H	T	U
		2

$$2 \times 100 = \underline{\hspace{2cm}}$$

Th	H	T	U
		3	0
3	0	0	0

$$30 \times 100 = 3000$$

Th	H	T	U
		5	0

$$50 \times 100 = \underline{\hspace{2cm}}$$

Th	H	T	U
		7	0

$$70 \times 100 = \underline{\hspace{2cm}}$$

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

The zero is called a _____.

Challenge!

Th	H	T	U
			7

$$7 \times 1000 = \underline{\hspace{2cm}}$$