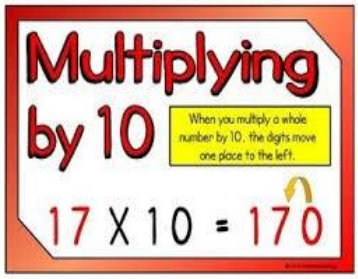
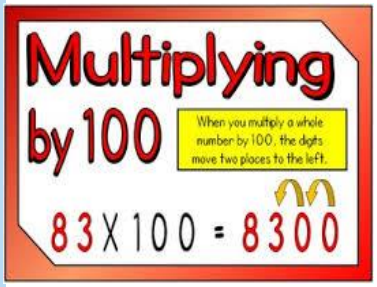
11/01/21

I can multiply by 10, 100 and 1000.





1 Complete the calculations and sentences.

Use place value counters to help you.

Th	H	T	O	Tth	Hth
			●●	●●●	

a) 2.3 × 10 = ☐

When the number is multiplied by 10 the counters move ☐ place to the left.

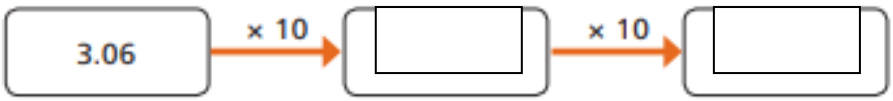
b) 2.3 × 100 = ☐

When the number is multiplied by 100 the counters move ☐ places to the left.

c) 2.3 × 1,000 = ☐

When the number is multiplied by 1,000 the counters move ☐ places to the left.

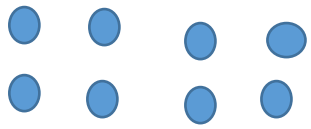
2 Complete the diagram.



3 **a)** Draw counters on the place value charts to represent each calculation.

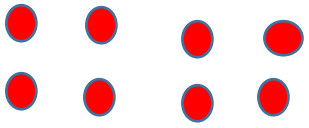
4.4 × 1

Th	H	T	O	Tth	Hth



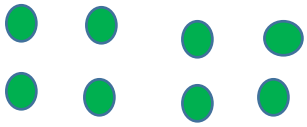
4.4 × 10

Th	H	T	O	Tth	Hth



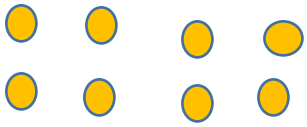
4.4 × 100

Th	H	T	O	Tth	Hth



4.4 × 1,000

Th	H	T	O	Tth	Hth



b) Complete the calculations.

4.4 × 1 = ☐

4.4 × 10 = ☐

4.4 × 100 = ☐

4.4 × 1,000 = ☐

What do you notice?

4 Complete the calculations.

a) 13.44 × 10 = ☐

b) 41.4 × 100 = ☐

c) 0.415 × 1,000 = ☐

d) 4.4 × ☐ = 4,400

e) ☐ = 1.03 × 100

f) 30.44 = ☐ × 10