

13/01/21

I can divide 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)  $140 \div 10 =$

When the number is divided by 10 the counters move  place to the right.

b)  $140 \div 100 =$

When the number is divided by 100 the counters move  places to the right.

c)  $140 \div 1,000 =$

When the number is divided by 1,000 the counters move  places to the right.

2 Complete the diagram.



3 a) Draw counters to represent the calculations.

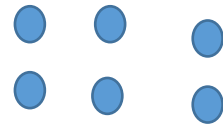
$$123 \div 1$$

H	T	O	Tth	Hth	Thth



$$123 \div 10$$

H	T	O	Tth	Hth	Thth



$$123 \div 100$$

H	T	O	Tth	Hth	Thth



$$123 \div 1,000$$

H	T	O	Tth	Hth	Thth



b) Complete the calculations.

$$123 \div 1 = \boxed{\phantom{000}}$$

$$123 \div 10 = \boxed{\phantom{00}}$$

$$123 \div 100 = \boxed{\phantom{0}}$$

$$123 \div 1,000 = \boxed{\phantom{0000}}$$

What do you notice?

-----