

1 Complete the calculations and sentences.

Use place value counters to help you.

Th	H	T	O	Tth	Hth
	●	●● ●●		●	

a)  $140 \div 10 = \square$

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

b)  $140 \div 100 = \square$

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

c)  $140 \div 1,000 = \square$

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

2 Complete the diagram.



3 a) Draw counters to represent the calculations.

H	T	O	Tth	Hth	Thth
			●		

$123 \div 1$

$123 \div 10$

$123 \div 100$

$123 \div 1,000$

b) Complete the calculations.

$123 \div 1 = \square$

$123 \div 100 = \square$

$123 \div 10 = \square$

$123 \div 1,000 = \square$

What do you notice?

4 Complete the calculations.

a)  $16 \div 10 = \square$

d)  $332 \div \square = 0.332$

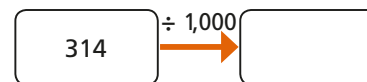
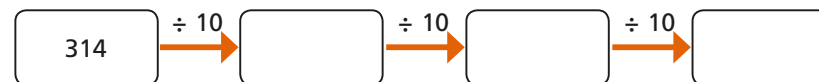
b)  $43.4 \div 100 = \square$

e)  $2.4 \div 200 = \square$

c)  $614 \div 1,000 = \square$

f)  $5.09 = \square \div 20$

5 Complete the diagrams.



What do you notice? Why does this happen?

b) Complete the calculations.

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

$123 \div 100 = \boxed{\phantom{000}}$

$123 \div 10 = \boxed{\phantom{000}}$

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

What do you notice?



4 Complete the calculations.

a)  $16 \div 10 = \boxed{\phantom{00}}$

d)  $332 \div \boxed{\phantom{000}} = 0.332$

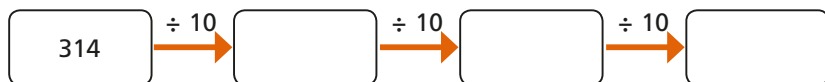
b)  $43.4 \div 100 = \boxed{\phantom{000}}$

e)  $2.4 \div 200 = \boxed{\phantom{000}}$

c)  $614 \div 1,000 = \boxed{\phantom{000}}$

f)  $5.09 = \boxed{\phantom{000}} \div 20$

5 Complete the diagrams.



What do you notice? Why does this happen?

6 Write  $>$ ,  $<$  or  $=$  to compare the number sentences.

$5,400 \div 10 \div 10 \div 10 \quad \bigcirc \quad 5,400 \div 1,000$

$60 \div 100 \div 10 \quad \bigcirc \quad 600 \div 100$

$5.7 \div 10 \quad \bigcirc \quad 57 \div 100$

$5,601 \div 1,000 \quad \bigcirc \quad 5,601 \div 10$

7 Dexter is solving the calculation  $5,400 \div 100$

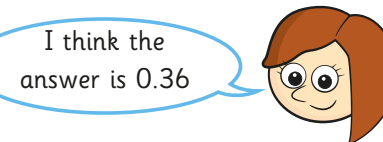


I think the answer is 54.00

Is Dexter correct?

Explain your reasoning.

8 Rosie is solving the calculation  $3,600 \div 200$



I think the answer is 0.36

Is Rosie correct?

Explain your reasoning.