Divide by 10, 100 and 1,000





White Rose Maths

3

a) Draw counters to represent the calculations.

123 ÷ 1

Н	Т	0	Tth	Hth	Thth
0	00	000			







Н	Т	0	Tth	Hth	Thth
0	00	00		1	



Н	Т	0	Tth	Hth	Thth
0	00	00			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

b) Complete the calculations.



What do you notice?

Complete the calculations and sentences.

Use place value counters to help you.



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

b) 140 ÷ 100 = 1.4

When the number is divided by 100 the counters move 2 places to the right.

0.14 **c)** 140 ÷ 1,000 =

> 3 When the number is divided by 1,000 the counters move places to the right.

Complete the diagram.

2





Tth	Hth	Thth
\rightarrow		





5,400 ÷ 1,000

600 ÷ 100

57 ÷ 100

5.601 ÷ 10



