Divide a 4-digit number by a 1-digit number

1 **a)** Circle the groups of 3 to help you complete the sentences and the division.

The first step has been done for you.

Th	H	T	O
1,000 1,000 1,000	100 100 100 100 100 100 100 100 100	10 10 10	1 1 1 1 1 1

		1		
3	3	9	3	6

There is [1] group of 3 thousands.

There are [ ] groups of 3 hundreds.

There is [ ] group of 3 tens.

There are [ ] groups of 3 ones.

3,936 ÷ 3 = [ ]

b) Use the place value chart to work out 8,404 ÷ 4

Th	H	T	O

	4	8	4	0	4

8,404 ÷ 4 = [ ]

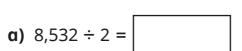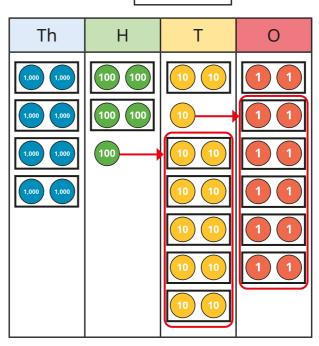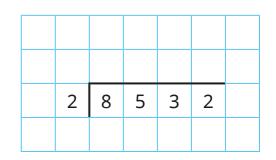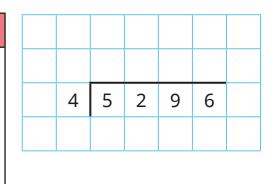**2** Use the place value charts to work out the divisions.

a) 8,532 ÷ 2 = [ ]

Th	H	T	O
1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000	100 100 100 100 100	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1

	2	8	5	3	2

b) 5,296 ÷ 4 = [ ]

Th	H	T	O

	4	5	2	9	6

c) 6,078 ÷ 6 = [ ]

Th	H	T	O

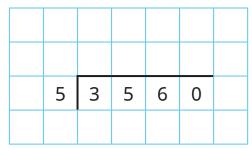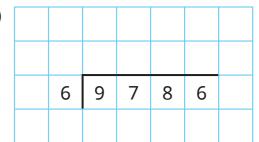|	6	6	0	7	8

Complete the divisions.

a)

	5	3	5	6	0	

d)

	6	9	7	8	6	

b)

	9	2	7	3	6	

e)

	3	4	6	8	3	

c)

	4	6	5	2	4	

f)

	1	2	0	7	9	

Could you have calculated the answer to part f) more efficiently?

4 Work out the values of a, b and c.

9,415
a | a | a | a | a | a | a

$a =$ ____

b	b	b	b	b	b	b	b
5,328							

$b =$ ____

120	120	120	120
c | c | c | c | c | c

$c =$ ____

5 Fill in the missing digits.

a)

		2	2		1	
			8	9	6	

b)

			3		6	
			6	5		4

6 Notebooks are available to buy in three different deals.

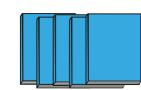**Deal A**   **Deal B**   **Deal C**

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Show your workings.