

# Divide 4-digits by 1-digit

- 1 a) Circle the groups of 3 to help you complete the sentences and calculation.

The first step has been done for you.

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

		1	3	1	2
3	3	9	3	6	

There is  group of 3 thousands.

There are  groups of 3 hundreds.

There is  group of 3 tens.

There are  groups of 3 ones.

$$3,936 \div 3 = \boxed{1,312}$$

- b) Use the place value chart to work out  $8,404 \div 4$

Th	H	T	O
4	4		4
4			

		2	1	0	1
4	8	4	0	4	

$$8,404 \div 4 = \boxed{2,101}$$

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

a)  $8,532 \div 2 = \boxed{4,266}$

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

		4	2	6	6
2	8	5	3	2	

b)  $5,296 \div 4 = \boxed{1,324}$

Th	H	T	O

		1	3	2	4
4	5	2	9	6	

c)  $6,078 \div 6 = \boxed{1,013}$

Th	H	T	O

		1	0	1	3
6	6	0	7	8	

3 Complete the divisions.

a)

		0	7	1	2	
5	3	3	5	6	0	

d)

		1	6	3	1	
6	9	3	7	8	6	

b)

		0	3	0	4	
9	2	2	7	3	6	

e)

		1	5	6	1	
3	4	6	8	3		

c)

		1	6	3	1	
4	6	2	5	2	4	

f)

		2	0	7	9	
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						
$a$	$a$	$a$	$a$	$a$	$a$	$a$

$a = 1,345$

$b$	$b$	$b$	$b$	$b$	$b$	$b$	$b$
5,328							

$b = 666$

120	120	120	120
$c$	$c$	$c$	$c$

$c = 80$

5 Find the missing digits.

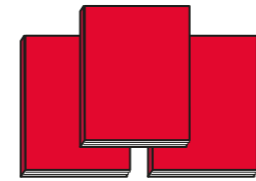
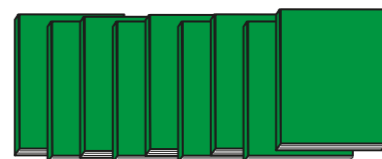
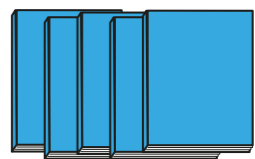
a)

		2	2	4	1
4	8	9	6	4	

b)

		3	2	6	2
2	6	5	2	4	

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