

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 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.

$$3,936 \div 3 =$$

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

Th	H	T	O

4	8	4	0	4		

$$8,404 \div 4 =$$

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

a) $8,532 \div 2 =$

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 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1

2	8	5	3	2		

b) $5,296 \div 4 =$

Th	H	T	O

4	5	2	9	6		

c) $6,078 \div 6 =$

Th	H	T	O

6	6	0	7	8		

3 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

$c =$

5 Fill in the missing digits.

a)

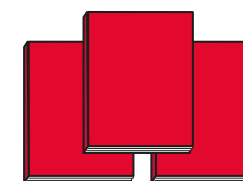
		2	2		1	
		8	9	6		

b)

		3		6		
		6	5		4	

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Deal A



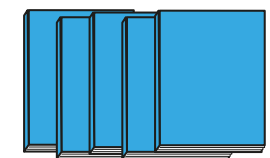
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Deal B



£38.16

Deal C



£25.60

Which is the best deal?

Show your workings.
