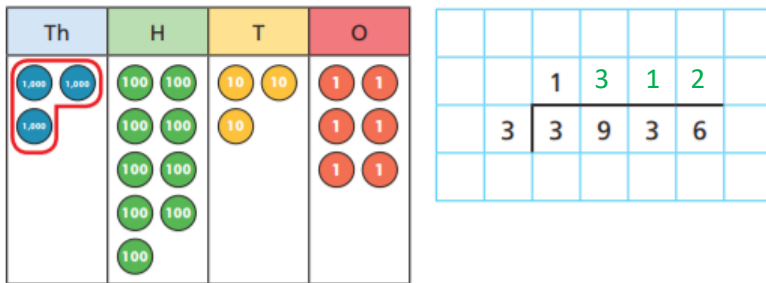


08.02.21

LO: I can divide four-digit numbers by one-digit numbers.

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

The first step has been done for you.



There is  group of 3 thousands.

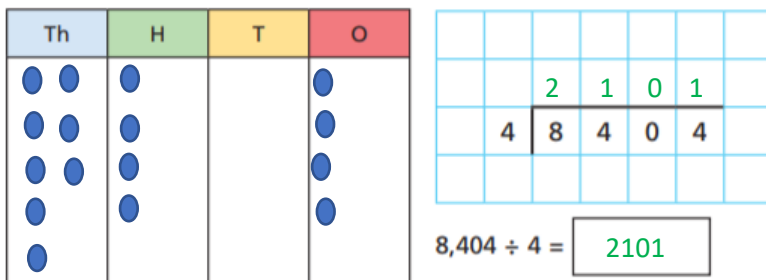
There are  groups of 3 hundreds.

There is  group of 3 tens.

There are  groups of 3 ones.

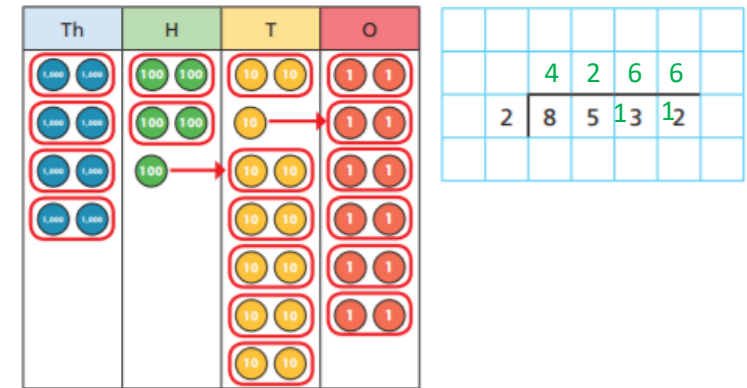
$3,936 \div 3 =$

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

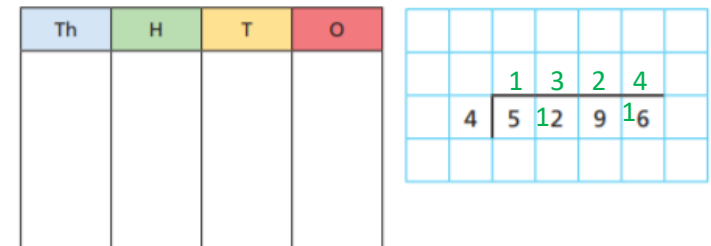


- 2 Use the place value charts to work out the divisions.

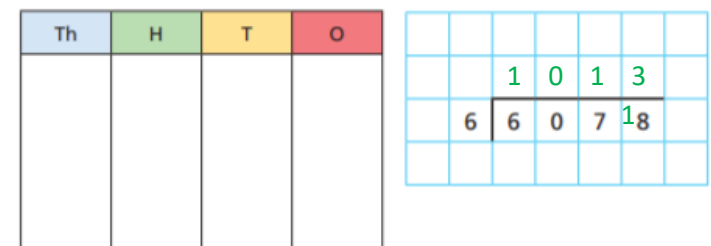
a)  $8,532 \div 2 =$



b)  $5,296 \div 4 =$



c)  $6,078 \div 6 =$



3 Complete the divisions.

a)

			7	1	2	
5	3	35	6	10		

d)

			1	6	3	1
6	9	37	18	6		

b)

			3	0	4	
9	2	27	3	36		

e)

			1	5	6	1
3	4	6	8	3		

c)

			1	6	3	1
4	6	25	12	4		

f)

			2	0	7	9
1	2	0	7	9		

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

To divide into one equal group, means that all of your dividend is included in the same group! The quotient is the dividend.

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 Find the missing digits.

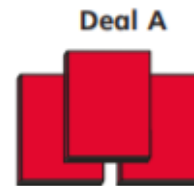
a)

		2	2	4	1	
	4	8	9	16	4	

b)

		3	2	6	2	
	2	6	5	12	4	

6 Books are available to buy in three different deals.



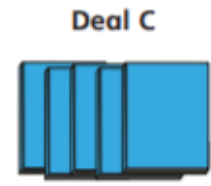
£12.99

£4.33 per book



£38.16

£4.24 per book



£25.60

£5.12 per book

Which is the best deal?

Show your workings.

Deal B

Jack is calculating  $2,240 \div 7$

He says you can't do it because 7 is larger than all of the digits in the number.

Do you agree with Jack?  
Explain your answer.

Jack is incorrect. You can exchange between columns. You can't make a group of 7 thousands out of 2 thousand, but you can make groups of 7 hundreds out of 22 hundreds.

The answer is 320

## Spot the Mistake

Explain and correct the working.

Thousands	Hundreds	Tens	Ones

	3	1	0	1
3	9	4	1	4

There is no exchanging between columns within the calculation. The final answer should have been 3,138