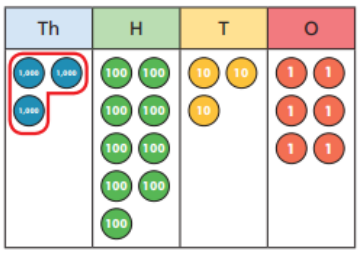
Tricky

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

The first step has been done for you.



		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

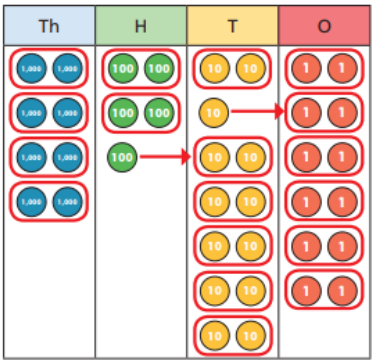
Th	H	T	O

	4	8	4	0	4

8,404 ÷ 4 = [ ]

Use the place value charts to work out the divisions.

a) 8,532 ÷ 2 = [ ]



	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

Trickier – Complete the questions on the right hand side of tricky first before attempting the questions below

Complete the divisions.

a)

	5	3	5	6	0

b)

	9	2	7	3	6

c)

	4	6	5	2	4

d)

	6	9	7	8	6

e)

	3	4	6	8	3

f)

	1	2	0	7	9

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

Mr Porter has saved £8,934
He shares it equally between his three grandchildren.
How much do they each receive?

Use <, > or = to make the statements correct.

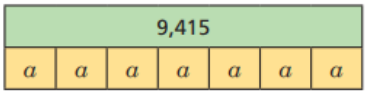
3,495 ÷ 5 ◯ 3,495 ÷ 3

8,064 ÷ 7 ◯ 9,198 ÷ 7

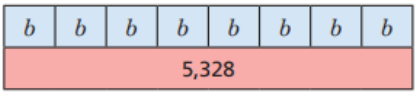
7,428 ÷ 4 ◯ 5,685 ÷ 5

Trickiest – Complete the word problem and <, > or = questions from trickier above and then tackle the challenge questions below

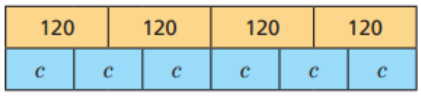
Work out the values of a, b and c.



$a =$ ☐

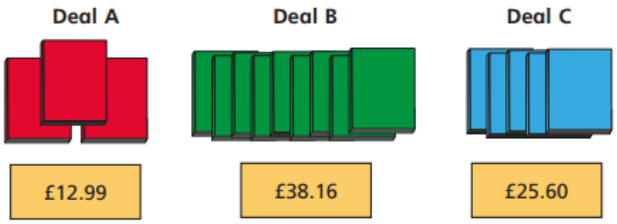


$b =$ ☐



$c =$ ☐

Books are available to buy in three different deals.



Which is the best deal?

Show your workings.

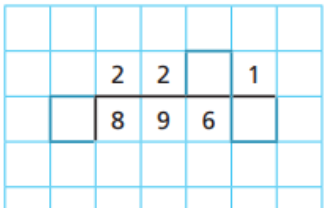
Jack is calculating 2,240 ÷ 7

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

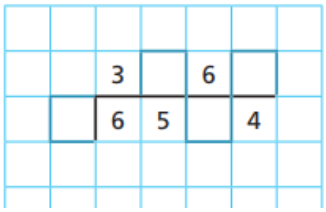
Do you agree with Jack?
Explain your answer.

Find the missing digits.

a)

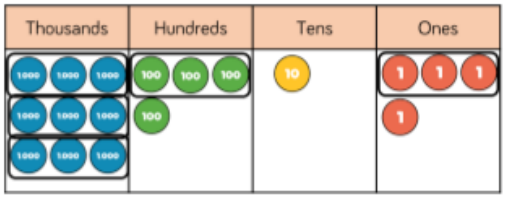


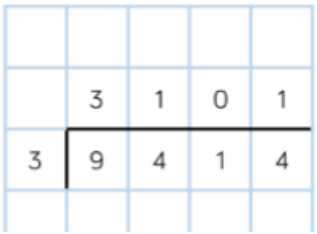
b)



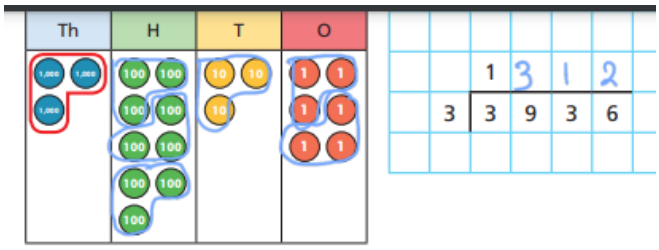
Spot the Mistake

Explain and correct the working.





Answers - Tricky



There is [1] group of 3 thousands.

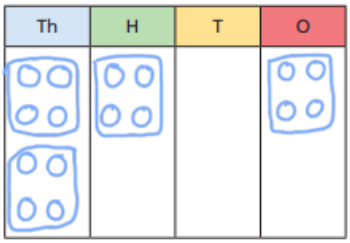
There are [3] groups of 3 hundreds.

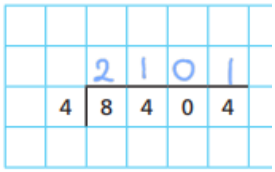
There is [1] group of 3 tens.

There are [2] groups of 3 ones.

3,936 ÷ 3 = [1,312]

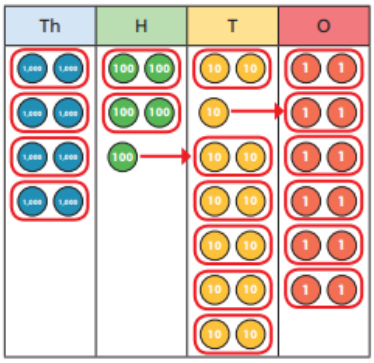
) Use the place value chart to work out 8,404 ÷ 4

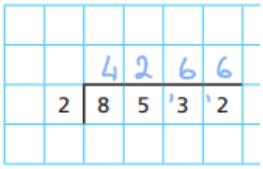


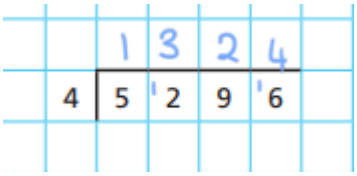


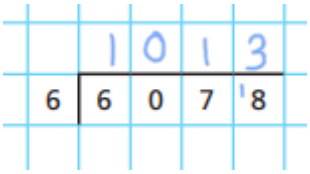
8,404 ÷ 4 = [2,101]

a) 8,532 ÷ 2 = [4,266]



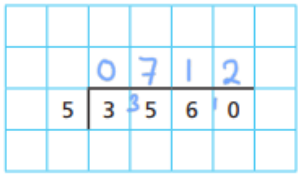




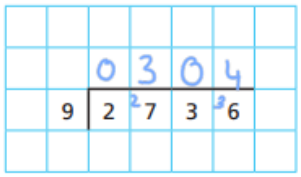


Trickier

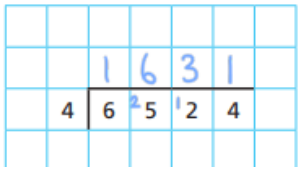
a)



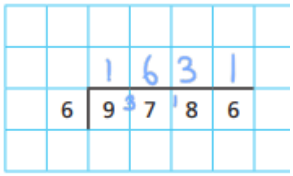
b)



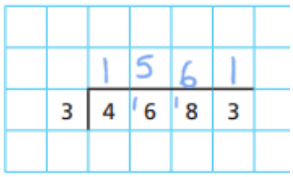
c)



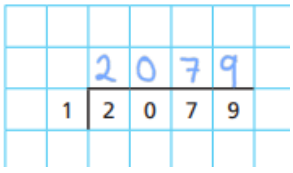
d)



e)



f)



Mr Porter gave each grandchild £2,978

699 < 1165

1152 > 1134

1857 > 1137

Trickiest

Find the missing digits.

a)

		2	2	4	1	
	4	8	9	6	4	

b)

		3	2	6	2	
	2	6	5	2	4	

A = 1,345

B = 666

C = 80

Deal B is the best deal to purchase

Jack is calculating 2,240 ÷ 7

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

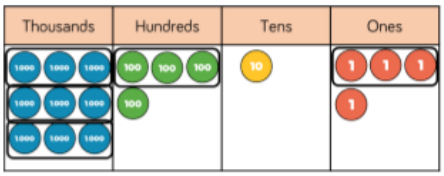
Do you agree with Jack?
Explain your answer.

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.



	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