

LO: I can divide 4-digit numbers by 1-digit numbers, including remainders.

- 1 a) Circle the groups of 3 to help 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	100 100	10	1 1
	100 100		1 1
	100 100		1 1
	100		

	1			
3	3	9	3	8

There is  group of 3 thousands.

There are  groups of 3 hundreds.

There is  group of 3 tens.

There are  groups of 3 ones.

There are  ones left over.

$3,938 \div 3 =$   remainder

- b) Use place value counters to work out  $8,407 \div 4$

Th	H	T	O

4	8	4	0	7

$8,407 \div 4 =$   remainder

- 2 a) Complete the divisions.

Use place value counters to help you.

3	7	5	9	5

4	8	5	6	7

5	6	5	6	2

3	3	9	3	5

- b) Write  $<$ ,  $>$  or  $=$  to complete the statements.

$7,595 \div 3$    $8,567 \div 4$

$6,562 \div 5$    $3,935 \div 3$

3 Write the calculations in the correct column of the table.

$5,066 \div 4$	$9,513 \div 4$	$1,234 \div 4$
$6,562 \div 4$	$6,563 \div 4$	$9,515 \div 4$

Remainder of 1	Remainder of 2	Remainder of 3	Remainder of 4

Are any columns empty? Why?

4

7,816	7,861	6,781	1,786
-------	-------	-------	-------

I know that if I divide these numbers by 5 the remainder will be 1



Is Eva correct? \_\_\_\_\_

How do you know?

5

There are 459 children in a school.

They are sitting at tables in groups of 7



We will need 65 tables.

Do you agree with Mo? \_\_\_\_\_

Explain your answer.

6

Bags of crisps are put into multipacks of 6

The multipacks are then packed into boxes of 8

Yesterday, 6,500 bags of crisps were packed.

How many boxes of crisps were packed?

7

2	3	4	5

$\div$

a) How many ways can you complete the calculation using all the digit cards so that there is a remainder of 1?

b) What do you notice?

8

Dora is thinking of a number between 500 and 600

When she divides it by a 1-digit number it has a remainder of 4

What could Dora's number be?

There are 349 people at a wedding.  
They are sitting at tables in groups of 8

How many tables are needed?



$$5,627 \div 5 = 1,126$$



Use your knowledge of the 5 times table to explain why Terrance is incorrect. Can you use the word 'multiple' in your answer as well as referring to division being the inverse of multiplication?