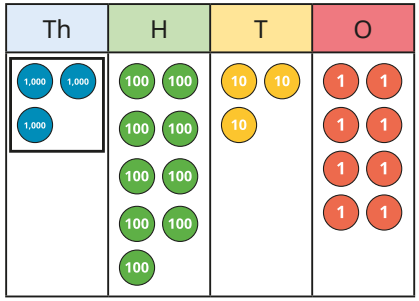
Divide with remainders

1 Circle the groups of 3 to help complete the sentences and calculation.

The first step has been done for you.



		1				
	3	3	9	3	8	

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.

There are [ ] ones left over.

3,938 ÷ 3 = [ ] remainder [ ]

2 Use place value counters to work out 8,407 ÷ 4

3 **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 ÷ 3 ◯ 8,567 ÷ 4

6,562 ÷ 5 ◯ 3,935 ÷ 3

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

5,066 ÷ 4 | 9,513 ÷ 4 | 1,234 ÷ 4

6,562 ÷ 4 | 6,563 ÷ 4 | 9,515 ÷ 4

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

Are any columns empty? Talk to a partner about why this has happened.

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Use place value counters to help you.

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	4	8	5	6	7		

	5	6	5	6	2		

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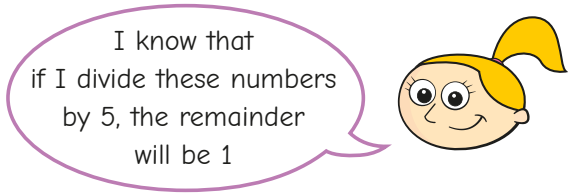
5

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



Is Eva correct?

How do you know?

6 Bags of crisps are put into multipacks of 6

Yesterday, 6,483 bags of crisps were made.

a) How many bags of crisps were **not** put into multipacks?

The multipacks are packed into boxes of 8

b) How many boxes of crisps were packed?

7 Use the digit cards to complete the calculation so that there is a remainder of 1

2	3	4	5

☐☐☐ ÷ ☐

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

What do you notice?