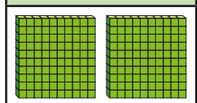
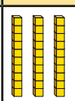
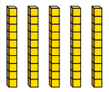
Add two 3-digit numbers – crossing 10 or 100

1 Complete the column addition.

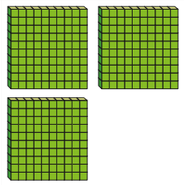
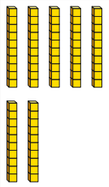
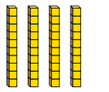
a) 235 + 157

Hundreds	Tens	Ones
		
		

+

		H	T	O	
		2	3	5	
	+	1	5	7	

b) 372 + 144

Hundreds	Tens	Ones
		
		

+

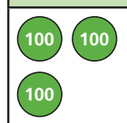
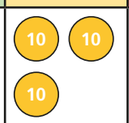
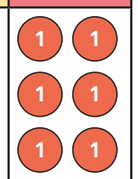
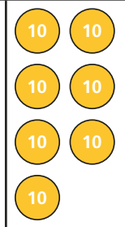
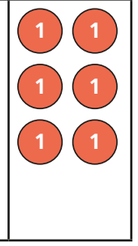
		H	T	O	
		3	7	2	
	+	1	4	4	

2 Tick the additions that need an exchange of ones for a ten.

		H	T	O			H	T	O			H	T	O	
		2	3	8			4	2	7			3	0	8	
	+	1	4	1		+	2	6	8		+	1	5	1	

How do you know if an addition needs to exchange 10 ones for a ten?

3 Dani uses counters to represent an addition.

H	T	O
		
		

+

a) What addition is Dani trying to work out?

b) Work out the answer to the addition.

c) How many exchanges did you have to do?

4 Work out the additions.

a)

		H	T	O	
		1	8	7	
	+	4	7	1	

b)

		H	T	O		
		5	1	7	m	
	+	2	3	4	m	

c) 718 + 108

d) 526 + 294

5 **a)** Tick the additions with an answer that ends in zero.

317 + 203	☐	192 + 784	☐	390 + 177	☐
455 + 165	☐	386 + 184	☐	319 + 501	☐

b) Did you have to work out all of the additions?

c) Complete the sentences.

The answer to 175 + 212 ends with a ☐

The answer to 609 + 175 ends with a ☐

The answer to 334 + 178 ends with a ☐

The answer to 716 + ☐ ends with a 3

6 Fill in the missing digits.

a)

		H	T	O	
		3		2	
	+	4	5		
			3	7	

b)

		H	T	O	
		1	0	9	
	+		2		
		5		5	

c)

		H	T	O	
		2	7	8	
	+	2	5		
				0	

d)

		Th	H	T	O	
			5	7	3	
	+					
		1	0	0	0	

7 Dexter bakes 148 biscuits on Monday.

On Tuesday he bakes 273 more biscuits than he did on Monday.

a) How many biscuits does Dexter bake on Tuesday?

b) How many biscuits does he bake in total on Monday and Tuesday?

8 Write two addition calculations that have:

- 1 exchange
- 2 exchanges.

Compare answers with a partner.