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.

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

c) 718 + 108

b)

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

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 Find the missing digits.

a)

	H	T	O
	3		2
+	4	5	
		3	7

c)

	H	T	O
	2	7	8
+	2	5	
			0

b)

	H	T	O
	1	0	9
+		2	
	5		5

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.