

Add two 3-digit numbers – not crossing 10 or 100

1 Complete the column addition.

Use a place value chart to help you.

a)

	H	T	O
	2	3	5
+	1	5	7

b)

	H	T	O
	3	7	2
+	1	4	4

2 Which additions 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
100 100 100	10 10 10	1 1 1
100 100	10 10 10 10 10	1 1 1

+

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) Which additions give 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

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The answer to $609 + 175$ ends with a

The answer to $334 + 178$ ends with a

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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.