Add two 3-digit numbers – crossing 10 or 100



Complete the column addition.

Hundreds	Tens	Ones
		••••

	Н	T	0	
	2	3	5	
+	1	5	7	
	3	9	2	
	Û	1		

b) 372 + 144

Hundreds	Tens	Ones
		•

	Н	T	0	
	3	7	2	
+	1	4	4	
	5	-	6	
	1			

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

	Н	Т	0		Н	Т	0		Н	Т	0	
	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?

The ones column has a total greater than 9

Dani uses counters to represent an addition.

	Η	T	0
	100 100	10 10	1 1
	100	10	1 1
			1 1
	100 100	10 10	1 1
		10 10	1 1
-		10 10	1 1
		10	

a) What addition is Dani trying to work out?

336 + 276

b) Work out the answer to the addition.



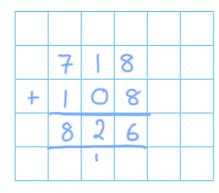
c) How many exchanges did you have to do?



Work out the additions.



	Н	Т	0	
	1	8	7	
+	4	7	1	
	6	5	8	
	ı			



	Н	Т	0		
	5	1	7	m	
+	2	3	4	m	
	7	5	1	m	
		I			

	5	2	6	
+	2	9	4	
	8	2	0	
	(I		

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

317 + 203	1	192 + 784	390 + 177	
455 + 165		386 + 184	319 + 501	

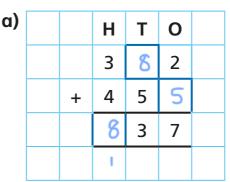
- b) Did you have to work out all of the additions?
- c) Complete the sentences.

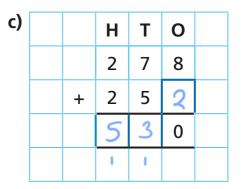
The answer to 175 + 212 ends with a $\frac{7}{4}$ The answer to 609 + 175 ends with a

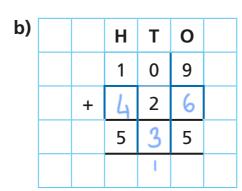
The answer to 334 + 178 ends with a

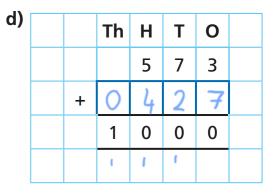
The answer to 716 + $\frac{7}{4}$ ends with a 3

6 Find the missing digits.









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?

421

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

569

- 8 Write two addition calculations that have:
 - 1 exchange
 - 2 exchanges.

Compare answers with a partner.



