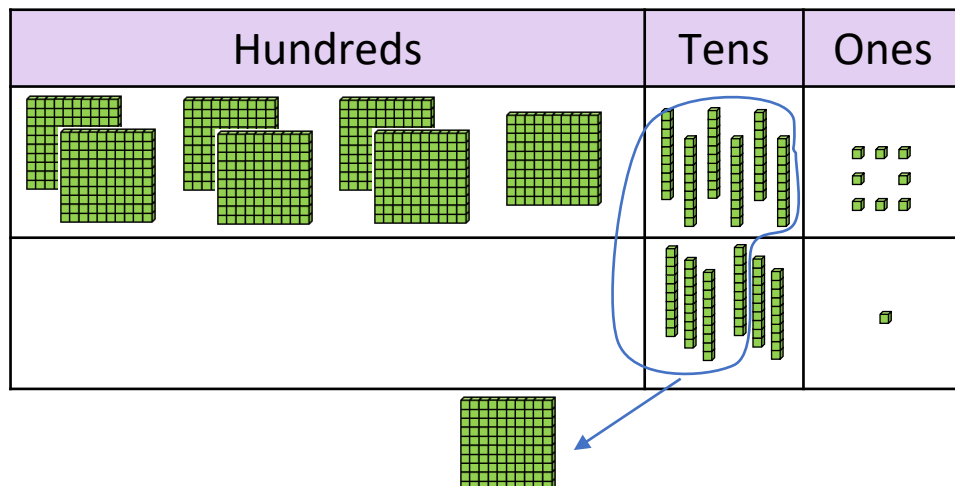




Use Annie's method Base 10 to calculate.



+			

Use Annie's method to calculate:

$246 + 27 =$

$438 + 38 =$

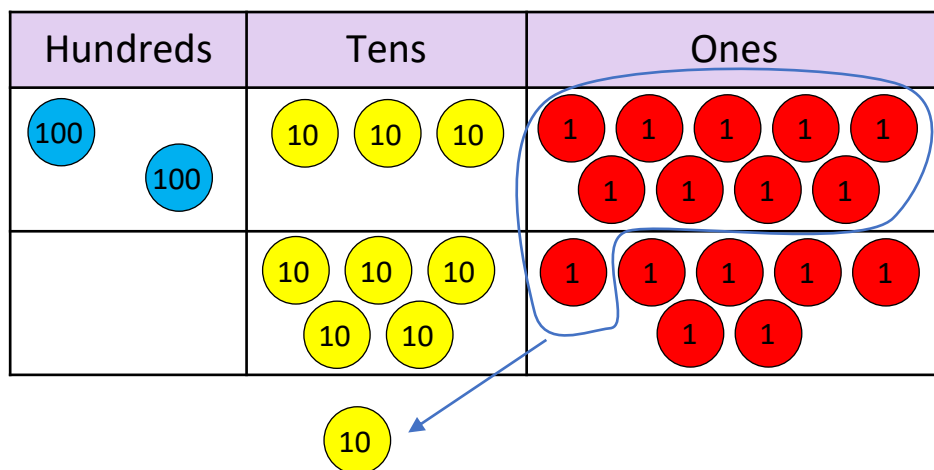
$647 + 38 =$

$352 + 56 =$

$541 + 73 =$

$147 + 82 =$

Use Zach's method Base 10 to calculate.



+			

Use Zach's method to calculate:

$128 + 81 =$

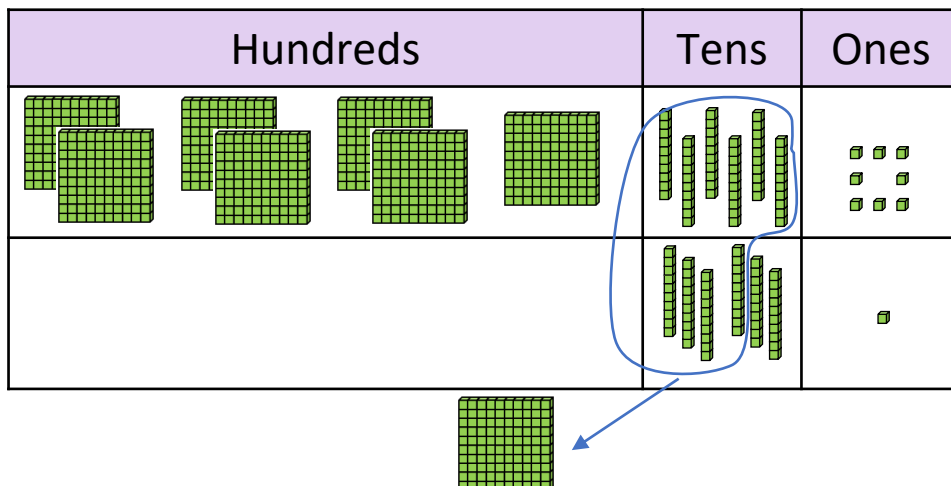
$474 + 92 =$

$845 + 83 =$

$546 + 38 =$

$358 + 17 =$

$764 + 38 =$



	7	6	8
+		6	1
	8	2	9
		1	

Use Annie's method to calculate:

$246 + 27 =$

273

$438 + 38 =$

476

$647 + 38 =$

685

$352 + 56 =$

408

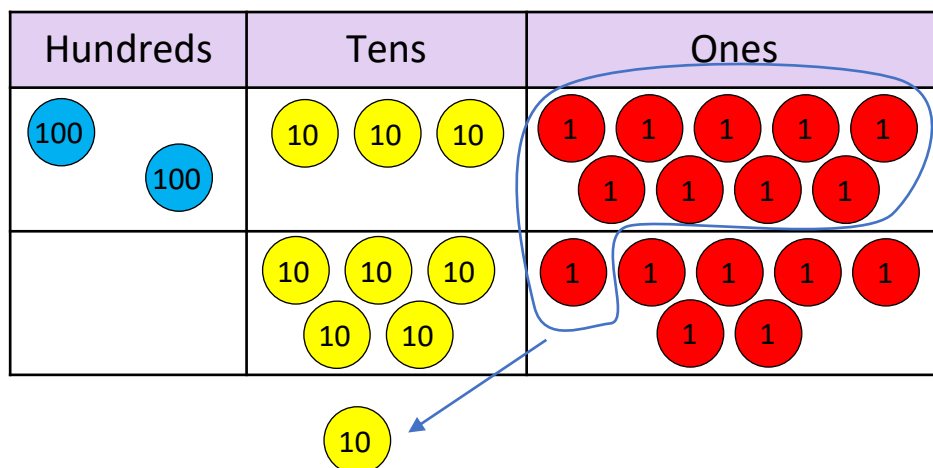
$541 + 73 =$

614

$147 + 82 =$

229

Use Zach's method Base 10 to calculate.



	2	3	9
+		5	7
	2	9	6
		1	

Use Zach's method to calculate:

$128 + 81 =$

209

$474 + 92 =$

566

$845 + 83 =$

928

$546 + 38 =$

584

$358 + 17 =$

375

$764 + 38 =$

802



Esin

$$327 + 68 = 385.$$

Here is her working out:

	3	2	7
+		6	8
	3	8	5

Is she correct? Explain why.

Sort the additions into the table.

No exchange	Exchange 10 ones	Exchange 10 tens

$325 + 21$

$567 + 23$

$682 + 34$

$427 + 55$

$735 + 82$

$715 + 82$

Can you write 2 more additions in each column?



Esin

$$327 + 68 = 385.$$

Here is her working out:

	3	2	7
+		6	8
	3	8	5

Is she correct? Explain why.

Esin is incorrect because she has not exchanged ten ones for one ten or shown this in the column method.

She should have added an extra ten to the tens column. The correct answer is 395.

Sort the additions into the table.

No exchange	Exchange 10 ones	Exchange 10 tens

$325 + 21$

$567 + 23$

$682 + 34$

$427 + 55$

$735 + 82$

$715 + 82$

Can you write 2 more additions in each column?

No exchange: $325 + 21$, $715 + 82$.

Exchange 10 ones: $567 + 23$, $427 + 55$.

Exchange 10 tens: $682 + 34$, $735 + 82$.