

Tuesday 30th June

I can use the expanded columnar method to add.

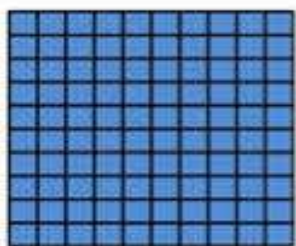
How would you solve $648 + 121 =$

Can you use any methods your already know?

Look at this video how to solve the problem.

<https://www.youtube.com/watch?v=sjmEjSQAuRA>

Explain to an adult or friend how to solve the problem. You can draw pictures of diennes as well in your explanation.



	H	T	O
	2	3	6
+		7	3
			9
	1	0	0
	2	0	0
	3	0	9

Has this been worked correctly?
 Can you explain why?

	H	T	O
	2	3	6
+		7	3
<hr/>			
			9
	1	0	0
	2	0	0
<hr/>			
	3	0	9

The ones are added and placed under the ones column

The tens were added and placed in the tens column. By adding these tens it made another 100.

The hundreds are added and placed under the hundreds column

You finally recombine the hundreds, tens and ones.

So yes it has been worked correctly using the expanded columnar method.

Now practise adding 2 3 digit numbers using this method.

$$\begin{array}{r} 534 \\ +\underline{321} \end{array}$$

Have a go at the worksheets using this method.

Then try the challenges.