Add Two Numbers (No Exchange)

1) Complete the addition calculations.

a)

	T	O
	4	5
+	3	4

b)

	H	T	O
	2	6	3
+	4	1	5

2) Draw base ten on the place value chart to complete the column addition. Then, write the addition calculation.

	H	T	O
+			

3) Identify the missing digits in this column addition and complete the stem sentences.

	H	T	O
	3	☐	5
+	☐	4	☐
	8	8	7

_____ ones + _____ ones

= _____ ones.

_____ tens + _____ tens = _____ tens.

_____ hundreds + _____ hundreds

= _____ hundreds.

_____ hundreds, _____

tens and _____

ones is equal to _____ .

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Add Two Numbers (No Exchange)

1) Hari has used column addition to calculate 453 + 32. Explain his mistake.

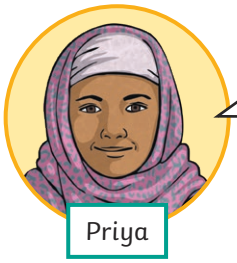
	H	T	O
	4	5	3
+	3	2	
	7	7	3

2) Felix and Priya are talking about column addition. Are their statements always true, sometimes true or never true? Prove your reasoning.



Felix

I don't think a column addition calculation will have zero ones in the answer.



Priya

When two 3-digit numbers are added together, both numbers must have a value in the tens.

3) Do you agree with Elias? Prove your reasoning.



Elias

The missing numbers in this column addition calculation are all odd.

	H	T	O
+	2	7	4
	5	8	9



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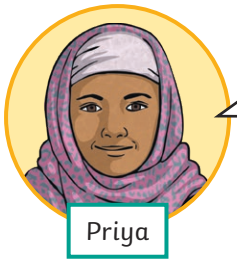

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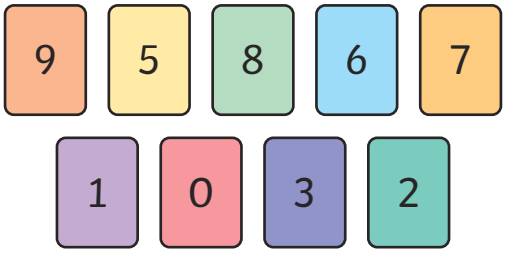
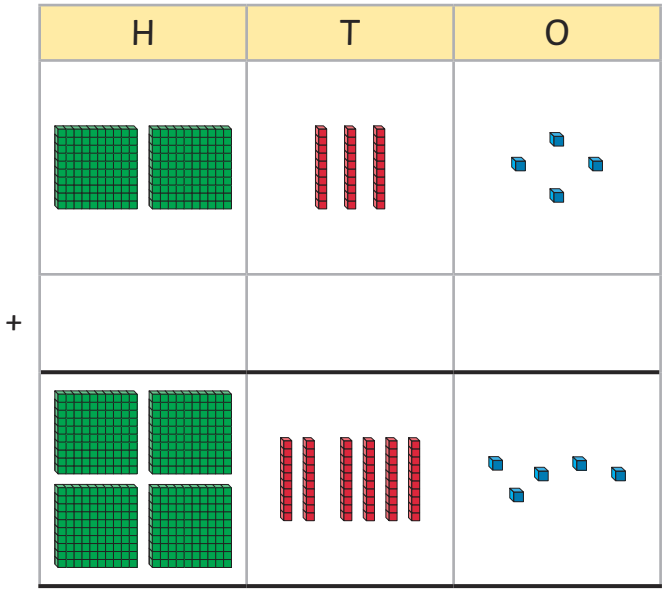
Add Two Numbers (No Exchange)

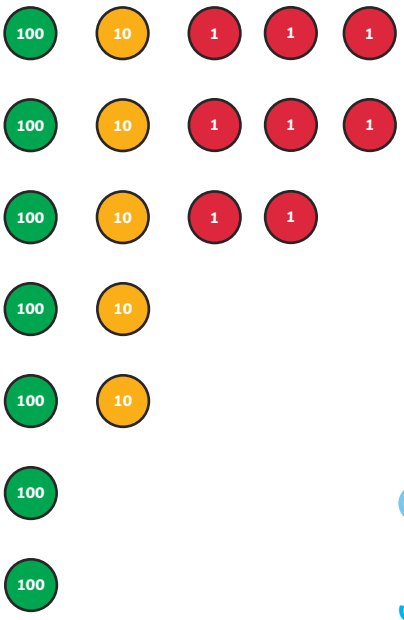
1) Using any of these digit cards as many times as you like, create column addition calculations which give the answer of 694. Make sure your calculations have no exchanges. Find five different ways to solve this problem.



2) Write your own word problem to match this place value chart.



3) Use all of the place value counters to create two 3-digit numbers that add together without an exchange.





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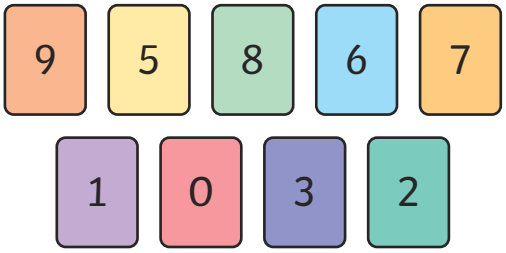

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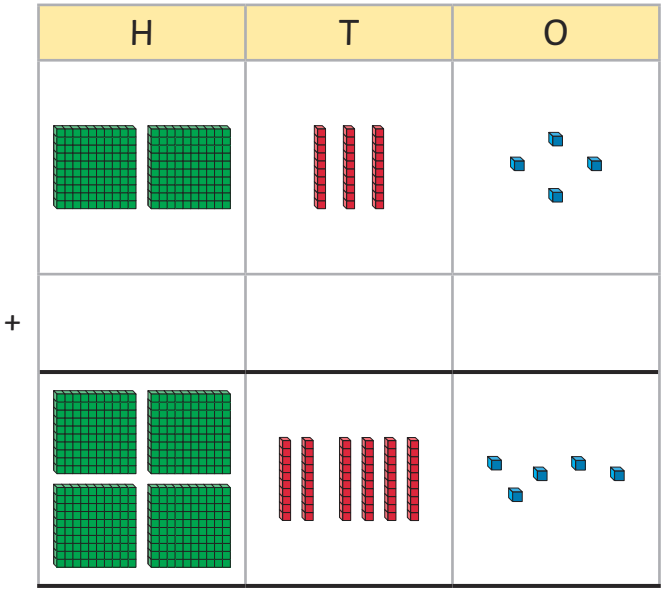

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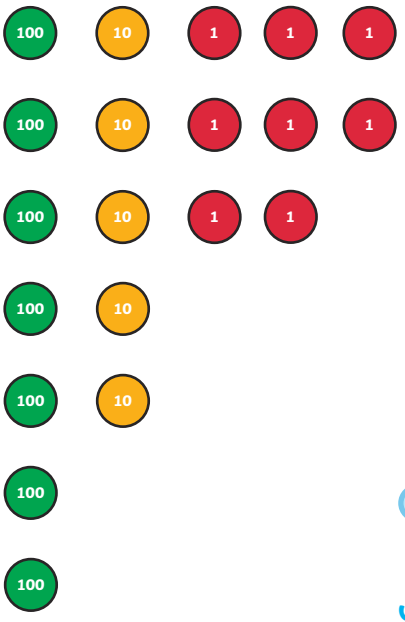



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