

Challenge
What could the digits A, B, C, D stand for?

$$\begin{array}{r}
 C A B \\
 + D B \\
 \hline
 C C C \\
 \hline
 1
 \end{array}$$

Is there more than one possibility?

3	1	7
0	2	7
4	4	4

5	2	8
0	3	8
6	6	6
1		

2	0	6
0	1	6
2	2	2
1		

8	3	9
0	4	9
8	8	8
!		

Explain why this is NOT possible

Because you can't regroup.

0	0	0
0	0	0
0	0	0

9	8	5
3	8	8
9	7	4

9	8	5
		4
		9