4283

8310



2)

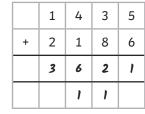
	7	1	1	1
	4	5	5	2
+	1	2	9	4
	3	2	5	8

	,		,	
	7	2	7	5
+	2	9	2	6
	4	3	4	9

	1	1		
	8	0	4	8
+	2	3	8	1
	5	6	6	7

5314

3)



	1	1	1	
	5	1	7	0
+	1	5	9	6
	3	5	7	4

1) Captain Squid Beard's calculation is correct. Captain Fisheye's column addition is incorrect: the digits have not been aligned in the correct columns. Captain Shark Bait's base ten calculation is not correct: there has been no regrouping of the 13 hundreds into 3 hundreds and 1 thousand or of the 11 ones into 1 ten and 1 one. The answer to the calculation is 9381 and should be written as:



	1	4	3	5
+	2	1	8	6
	9	3	8	1
	1		1	

2) Pirate Plankton is not correct: it is possible to need to regroup for each column of an addition calculation. For example, 3789 + 9542 would require regrouping in every column, including the thousands, to make a 5-digit answer.



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No Regrouping	One Lot of Regrouping	More Than One Lot of Regrouping
There are no calculations	6833 + 1310 = 8143	6823 + 1317 = 8140
involving no regrouping as the hundreds column will always	6833 + 1311 = 8144	6823 + 1318 = 8141
require some regrouping.	6833 + 1312 = 8145	6823 + 1319 = 8142
	6833 + 1313 = 8146	
	6833 + 1314 = 8147	
	6833 + 1315 = 8148	
	6833 + 1316 = 8149	



2) There are many possibilities. Here are some examples: 5678 + 1432, 1678 + 5432, 5478 + 1632, 5638 + 1472, 5672 + 1438, 5438 + 1672, 5472 + 1638, 5768 + 1342, 5368 + 1742, 5748 + 1362, 5742 + 1368

