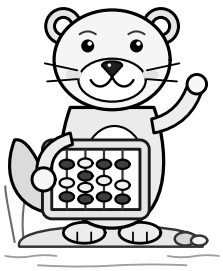
Name : _____ Date : _____

PAPILUMO | 4th Grade (ages 9–10) | Answer key

4-Digit Addition with Regrouping

Add each column from right to left starting in the ones place, and write every carried digit in the top carry box.



Pipa the otter checks her numbers on a four-rod abacus: help her solve every 4-digit addition with regrouping!

	Th	H	T	O
	1	1	1	
	3	9	9	4
+	2	3	2	9
	6	3	2	3

Worked example: 3,994 + 2,329 = 6,323

1. Ones: 4 + 9 = 13 (write 3, carry 1 to Tens).
2. Tens & Hundreds: 9+2+1 = 12 (2, carry 1); 9+3+1 = 13 (3, carry 1).
3. Thousands: 3 + 2 + 1 = 6, final sum 6,323.

Solve all six 4-digit additions inside the place-value grids (record every carry at the top)

1

	Th	H	T	O
	1	1	1	
	4	5	7	9
+	2	7	6	5
	7	3	4	4

2

	Th	H	T	O
	1	1	1	
	5	6	8	9
+	1	9	7	8
	7	6	6	7

3

	Th	H	T	O
	1	1	1	
	3	7	9	5
+	4	9	6	9
	8	7	6	4

4

	Th	H	T	O
	1	1	1	
	2	9	2	9
+	4	5	8	4
	7	5	1	3

5

	Th	H	T	O
	1	1	1	
	6	4	9	9
+	2	9	7	8
	9	4	7	7

6

	Th	H	T	O
	1	1	1	
	4	9	5	8
+	3	5	9	3
	8	5	5	1

Tip: always work right to left (O, T, H, Th) and add the top carried 1 before moving to the next column.