Name : _____ Date : _____

PAPILUMO / 3rd Grade

Missing Digits: 3-Digit Addition With Regrouping

Work column by column from right to left (O, T, H) to deduce each missing digit and record every carried 1 in the top carry boxes.



Pico the Detective Fox audits each column from right to left! Always start at Ones and track every carried 1.

Model: 2[4]7 + 18[5] = 432

	H	T	O
	(1)	(1)	
	2	[4]	7
+	1	8	[5]
	4	3	2

A Part A - Single regrouping: deduce each missing digit (right to left)

1

	H	T	O
	3	☐	8
+	☐	3	☐
	5	8	3

2

	H	T	O
	4	☐	3
+	2	8	☐
	☐	4	7

B Part B - Double regrouping: track carries above T and H

3

	H	T	O
	2	7	☐
+	☐	5	8
	6	☐	4

4

	H	T	O
	☐	8	9
+	4	☐	7
	6	5	☐

5

	H	T	O
	5	☐	4
+	☐	7	9
	8	3	☐

6

	H	T	O
	3	6	☐
+	4	☐	5
	☐	5	3

Pico's tip: begin in the Ones column; whenever a column sums to 10 or more, write a carry 1 in the dashed box above.