Name: _____   Date: _____

ANSWERS

Three-Digit Addition: Part 2

Add multi-digit numbers using different strategies.	To solve problems using **expanded notation addition**, change all the numbers to expanded notation, line them up horizontally, add each column, and then add the sums.	To solve problems using **standard algorithm addition**, stack and line up the addends based on their place value, then add up one place value at a time working from right to left. Don't forget to carryover to regroup the values.
Equation	**Expanded Notation**	**Standard Algorithm**
376 + 475	300 + 70 + 6 700 400 + 70 + 5 140 ——————— + 11 700 + 140 + 11 ——— 851	$\overset{1\ 1}{376}$ + 475 ——— 851

Directions: *Solve the equations using both Expanded Notation and Standard Algorithm addition.*

Equation	Expanded Notation	Standard Algorithm
1. 532 + 392	500 + 30 + 2 800 300 + 90 + 2 120 ——————— + 4 800 + 120 + 4 ——— 924 Answer: 924	$\overset{1}{532}$ + 392 ——— 924 Answer: 924
2. 190 + 390	100 + 90 + 0 400 300 + 90 + 0 180 ——————— + 0 400 + 180 + 0 ——— 580 Answer: 580	$\overset{1}{190}$ + 390 ——— 580 Answer: 580
3. 276 + 375	200 + 70 + 6 500 300 + 70 + 5 140 ——————— + 11 500 + 140 + 11 ——— 651 Answer: 651	$\overset{1\ 1}{276}$ + 375 ——— 651 Answer: 651