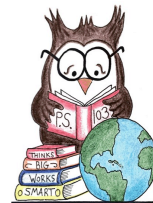


P.S. 103
Math Family Letter

Grade 2: Unit 2
Number Concepts to 1,000

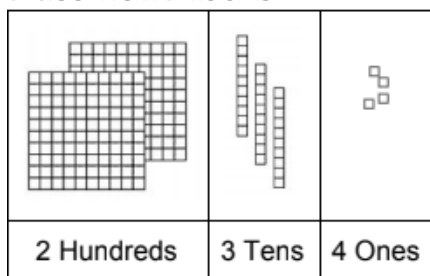


Student Learning Goals:

- I understand that a 3-digit number is composed of hundreds, tens, and ones.
- I can read, write, and represent 3-digit numbers in different ways.
- I can mentally add and subtract 10 and 100 from a 3-digit number.
- I can use my knowledge of place value to compare and order 3-digit numbers, as well as use symbols greater than, less than, and equal to.

Tools/Models/Strategies

Base Ten Blocks



Pictorial Base Tens

Here is how a child can represent this same number on paper:

- A square represents 100
- A straight line represents 10
- A single dot represents 1



Different Forms

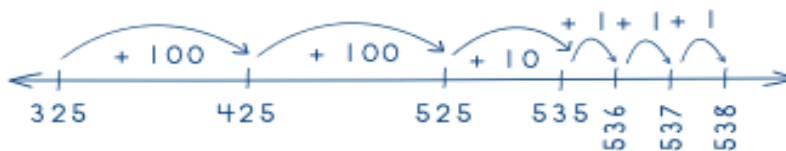
Word Form: Two hundred thirty-four

Expanded Form: $200 + 30 + 4$

Unit form: 2 hundreds + 3 tens + 4 ones

Standard Form: 234

Number Line



Skip-Counting by 100s, 10s and 1s will make it easier as we move into addition and subtraction.

Comparing Numbers using Place Value

LESS THAN

GREATER THAN

EQUAL TO



Examples:

$24 > 15$ – I look at the highest place value, which is the tens place, so 2 tens is greater than 1 ten.

$32 < 38$ – Since both numbers have 3 tens, I look at the ones place to decide which one is less or greater.

Place the following numbers in order from least to greatest: 25, 26, 32, 21, 52

The order from least to greatest is: 21, 25, 26, 32, 52. First I look at the highest place value, which in this set of numbers, is the tens place. There are three numbers with 2 tens (25, 26, 27), one number with 3 tens (32) and one number with 5 tens (52).

Key Vocabulary:

- Hundreds, tens, ones, place value
- Skip-count, base-ten, number names to 1000 (see chart)
- expanded form, standard form, word form, unit form
- greater than ($>$), less than ($<$), equal to ($=$), digit, compare
- 10 more, 100 more

Number Words			
0	zero	10	ten
1	one	11	eleven
2	two	12	twelve
3	three	13	thirteen
4	four	14	fourteen
5	five	15	fifteen
6	six	16	sixteen
7	seven	17	seventeen
8	eight	18	eighteen
9	nine	19	nineteen
20	twenty	30	thirty
40	forty	50	fifty
60	sixty	70	seventy
80	eighty	90	ninety
100	one hundred	1,000	one thousand