

Unit 3: Multi-digit Addition & Subtraction Using an Understanding of Place Value

Unwrapped Skills

- EXPLAIN=(Level 4)
- USING= (Level 3)
- USE=(Level 4)
- SOLVE= (Level 3)
- USING=(Level 1)
- ADD=(Level 4)
- SUBTRACT (Level 4)

Unwrapped Concepts

- EXPLAIN why addition and subtraction strategies work using place value and properties of operations
- USE addition and subtraction within 100
- SOLVE one- and two- step word problems adding to, taking from, putting together, taking apart, and comparing using drawings and equations with a symbol
- ADD within 20 using mental strategies
- SUBTRACT within 20 using mental strategies

Unit Vocabulary

Addend: a number that is added to another number.

Add/Plus: to find the sum of two or more numbers: how many in all

Column: a vertical row; up and down

Combine: Put together two or more objects. **ADD.**

Commutative Property of Addition: Changing the order of the addends does not change the sum. $2+3=5$
 $3+2=5$

Count back: to count backward from a given number

Count on: To count forward from a given number.

Difference: the answer to a subtraction problem.

Digit: a single whole number (0-9) in a number 10 or larger.

Doubles: An addition facts with two addends that are the same.

Doubles +1: An addition fact with a double to add and then one more.

Doubles - 1: An addition fact with a double to add and then subtract one.

Equal: A number or amount that **is the same as**.

Equal parts: Parts of an object or group that have been divided equally into pieces.

Equal sign: A symbol showing that one amount is the same as another.

Even/odd: Even numbers can be divided into equal parts or shares. **Odd** numbers cannot.

Fewer/Least: Smaller amount.

Greater than: More than amount. $>$

Hundred: A number which is equal to 10 tens or 100 ones.

Less than: Less in amount. $<$

Making ten: A strategy that uses combination of numbers that add up to ten.

Mathematician: An expert in math.

More/Greatest: Greater amount.

Minuend: a number that is subtracted from another number.

Ones: The value of a digit in the ones place on the place value chart.

Place value: The value a digit has because of its place in a number.

Related Facts/Fact families: Addition and subtraction facts that share the same three numbers.

Shortest: A distance that is less than others.

Subtract/minus/take away: To take away objects from a group or to compare groups.

Sum: The answer to an addition problem.

Ten: a group of ten ones.

Unequal parts: Parts of a whole that are not the same size.