

Key Learning: Numbers can be represented in multiple ways.
 Numbers can be composed & decomposed into place value parts to add and subtract multi-digit numbers efficiently.

Unit Essential Question: How can we represent numbers in multiple ways in order to add and subtract efficiently?

Concept: Combinations	Concept: Addition and Subtraction Strategies	Concept: Counting and Groups	Concept: Tens and Ones
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Lesson Essential Questions: How can I use combinations I know to solve an equation? (A)	Lesson Essential Questions: What strategies can I use to represent and solve addition and subtraction story problems? (A) How do I know which strategy to use and when to use it? (A)	Lesson Essential Questions: How can I use groups to count efficiently? (A) How can I prove that a number is even or odd? (A)	Lesson Essential Questions: How can I represent a number using tens and ones? (A)
How do I know my answer is reasonable? How can I show my solution in another way? How can I check my work with a different strategy?			

Vocabulary: addends, total, order, doubles, near doubles, calculator, number string	Vocabulary: count all , count on , count back, equation, addition, subtraction	Vocabulary: equal groups , even, odd, partners, teams, leftover, skip counting, tally marks	Vocabulary: 2-digit number, tens, ones, tens place , ones place, strips, singles
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Additional Information & Resources:
 Coin combinations/activities are not listed as part of the map. It is an ongoing skill that is built upon throughout the year.
 MP 7 - Look for and make use of structure
 MP 8 - Look for and express regularity in repeated reasoning