Test Date:

Unit 1 Study Guide: Number and Operations in Base Ten

**McGraw Hill lessons:**

* Chapter 1, lesson 1 -Place Value through Thousands
* Chapter 1, lesson 2- Compare Numbers
* Comparing Numbers
* Chapter 1, lesson 4-Round to the Nearest Ten
* Chapter 1, lesson 5- Round to the Nearest Hundred
* Chapter 2, lesson 1- Addition Properties
* Chapter 2, lesson 5- Estimating Sums
* Chapter 2, lessons 6- Hands On: Use Models to Add
* Chapter 2, lesson 7- Add Three Digit Numbs
* Chapter 2 lesson 8 Add Four-Digit Numbers
* Chapter 3 lesson 2 Estimating Differences
* Chapter 3 lesson 4 Hands On: Subtract w/Regrouping
* Chapter 3 lesson 5 Subtract three Digit Numbers
* Chapter 3 lesson 6 Subtract Four-Digit Numbers
* Chapter 3 lesson 7 Subtract Across Zeros
* Chapter 12, lessons 2 and 3 Draw Scaled Picture Graphs and Bar Graphs
* Chapter 12. lesson 5- Draw and Analyze Line

**In this unit, students will:**

* Investigate, understand, and use place value to manipulate numbers.
* Build on understanding of place value to round whole numbers.
* Continue to develop understanding of addition and subtraction and use strategies and properties to do so proficiently and fluently.
* Draw picture graphs with symbols that represent more than one object.
* Create bar graphs with intervals greater than one.
* Use graphs and information from data to ask questions that require students to compare quantities and use mathematical concepts and skills.

**Web Resources:**

www.IXL.com

* + Word Form: A1
  + Place Value—B1- B9
  + Estimating and Rounding—P1, P2, P4, P6, P7, P8, P9
  + Addition Properties—N3 and N4
  + Addition—(make sure to use strategies on spare paper to solve) C1, C3, C4, C5, C6, C7, C8
  + Subtraction—D1, D2, D3
  + Graphs—U5, U7, U9

**Vocabulary:**

* add
* addend
* addition
* associative property of addition
* commutative property of addition
* identity property of addition
* bar graph
* chart
* difference
* expanded form
* graph
* interval
* inverse
* line plot graph
* pictograph
* place value
* properties
* round
* scale
* standard form
* strategies
* subtract
* subtraction
* sum
* table