

**End-of-Unit Assessment Study Guide**  
**Place Value, Addition and Subtraction**

*Test on Tuesday, October 1st*  
*IXL (Objectives C.1-C.9, B.1-B.11, F.11)*

- Students need to know that the sum is an answer to an addition problem, and the difference is the answer to a subtraction problem.
  
- Students need to be able to estimate the answer to addition and subtraction problems.
  - Example:
    - $567 + 123 =$
    - Estimate:  $600 + 100 = 700$
  
- Students should be able to solve subtraction and addition problems using the US Standard algorithm. Students need to be able to check their own work using a different strategy or subtraction if doing addition or addition if doing subtraction.
  - Example problems:
    - What is the sum of 639,295 and 583,993?
  
    - What is the difference between 59,390 and 53,395?
  
    - $78,403 - 58,395 =$
  
- Students should be able to solve addition and subtraction word problems. There will be a several multi-step word problems. Students need to read carefully and determine what they need to do in order to solve the problem completely.
  - Example:
    - Sara received \$16.50 from her grandma for her birthday. She received \$22.75 from her dad and \$25.00 from her mom. She spends \$30.00 on a new shirt. How much money does she have left?
  
- Students should know and understand addition properties (students do not need to know the names) and equality.
  - The addends in an addition problem can be grouped in any way, and the answer will still be the same. Example:  $(2 + 4) + 6 = 2 + (4 + 6)$  or  $6 + (9 + 8) = 15 + 8$
  - The order of the addends in an addition problem do not change the sum. Example:  $9 + 3 = 3 + 9$