

NUMBERS IN BASE TEN

NBT1–3 Pre-Assessment

NBT1–3 Pre-Assessment Answer Key

Unit [Standards]	Goals [Pre-Assessment problem(s)]
NBT 1 Whole Number Multiplication & Division <i>[4.OA.2-3, 4.NBT5-6, 5.NBT5-6, 6.NS2]</i>	• Know strategies for multiplying single digit numbers and numbers that include powers of 10 [1, 2] • Use an area model for multi-digit multiplication [3] • Perform long division using a chunking strategy [4] • Understand and use the standard algorithm for multiplication and division [5]
NBT 2 Decimal Concepts <i>[4.NF.1, 5.NBT.1, 5.NBT3]</i>	• Explore fraction and decimal concepts with an area model and represent fractions and decimals with pictures, numbers, and words. [1, 2] • Link fraction and decimal notations. [1, 2, 4] • Locate decimals on a number line. [3] • Write equivalent numbers as fractions, decimals, and in words. [1, 4]
NBT 3 Decimal Operations <i>[5.NBT6-7, 6.NS3]</i>	• Add and subtract decimals using the standard algorithm. [1, 2] • Multiply decimals using pictures and extend that to using the standard algorithm for decimal multiplication. [3, 4, 5] • Use whole number division and decimal concepts to make sense of decimal division and extend that to using the standard algorithm for decimal division. [6]