Grade: 7 Benchmark #: 7.1.4.K2 a-dN (decimal and fraction comp	Mastery Check outation) 1	
State Language: Performs and explains these computational procedures: a) adds and subtracts decimals from ten millions place through hundred thousandths place; b) multiplies and divides a four-digit number a two-digit number using numbers from thousands place through thousandths place; c) multiples and divides using numbers from thousands place through thousandths place by 10;, 100, 1000, .1, .01, .001; or single-digit multiples of each; d) adds, subtracts, multiplies, and divides fractions and expresses answers in simplest form.	Student Friendly Language: Performs all four operations of decimals and fractions. Multiplies and divides by powers of 10.	
 Concept (Students will know): How to compute all four operations for rational numbers (decimals and fractions). Decimal point placement in all operations. Multiplying and dividing by powers of 10, decimal powers of 10 and the rules for them. How to express fractions in simplest form. Decimal place value 	Skills (Students will do): Solve problems with all four operations of rational numbers (decimals and fractions.) Multiply and divide by powers of 10and decimal powers of 10. Express fractions in simplest form. Memorize rules for all operations of rational numbers.	vel:
Understanding computations of rational numbers will help you with decimals and fractions (rational numbers) Understand the importance of place value and rounding will help with decimal computation. Essential Questions: What are the rules for each of the operations for decimals? What are the rules for each of the operations of fractions? What subset of the Real Number System are decimals and fractions?		
Core Materials Glencoe Mathematics Course 2	Supplemental Materials: Teacher-generated materials Study Island, BAIP Glencoe Resource Materials	
Teaching Strategies: Guided practice Foldables for notes		
Mastery Check Items:		