tate Language: nows and explains what happens to the product or quotient when: a) positive number is multiplied or divided by a rational number greater nan zero and less than one;) knows what happens when a positive number is multiplied or	Student Friendly Language:	
nows and explains what happens to the product or quotient when: a) positive number is multiplied or divided by a rational number greater nan zero and less than one;		
ivided by a rational number greater than one; c) a nonzero real umber is multiplied or divided by zero.	 Student Friendly Language: Know what happens to a number when you divide or multiply a number by a fraction or decimal less than 1 but not negative. Knows what happens to a number when you multiply or divide a number by a number greater than 1. Knows what happens when you multiply or divide by zero. 	
Concept (Students will know): What a rational number is. TLW understand that a number greater than zero and less than one vill be a positive fraction or decimal. Will know the term "undefined" means can't do or is impossible. Will know that when you multiply a real number by a positive action or a decimal, the product will be less than the number. will know that when you divide a number by a positive fraction or ecimal the quotient will be greater than the number. Will know that when you multiply a positive number by a number reater than one, the product will be greater than the number. Will know that when you multiply a number by zero, the answer will e zero, Know that when a real number is divided by zero, the quotient is ndefined.	 Skills (Students will do): See the cause and effect of multiplying or dividing a positive real number by a fraction or decimal. Determine what the product or quotient will be when multiplying or dividing a positive real number by a number greater than one. Determine the product or quotient and the difference between multiplying and dividing by zero. 	DOK Level
t <mark>ig Ideas</mark> : Jnderstanding what numbers between zero and one are. Draw conclusions as to what happens when numbers are multiplied or Jnderstand what the answers will be when you multiply or divide by ze	•	
 ssential Questions: What is the product when you multiply a positive number by a rational What is the quotient when you divide a positive number by a rational What is the product when a positive number is multiplied by a rational What is the product when a number is multiplied by zero? What is the quotient when a number is divided by zero? What is a rational number? What does the word undefined mean? 	I number greater than zero and less than one?	?
ore Materials	Supplemental Materials: Teacher generated worksheets. Number lines showing numbers between 0 an Study Island	nd 1.
 eaching Strategies: Drawing a number line and showing what numbers are greater Show what happens when you multiply by 1 or zero and difference or decimal. Guided practice. 		
lastery Check Items:		