Unit 8: Irrational Numbers			
4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.		
	3.5	In addition to score 3.0 performance, partial success at score 4.0 content	
3.0	Use square root and cube root symbols to represent solutions to equations of the form x² = p and x³ = p, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that √2 is irrational. (8.EE.A.2)  I can evaluate Square Roots of numbers. I can evaluate Cube Roots of numbers. I can demonstrate that square roots represent perfect squares. I can demonstrate that cube roots represent perfect cubes.  Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion; for rational numbers show that the decimal expansion repeats eventually, and convert a decimal expansion which repeats eventually into a rational number. (8.NS.A.1) I can write a fraction as a repeating decimal. I understand that every number has a decimal expansion. I can write a repeating decimal as a fraction. Use rational approximations of irrational numbers to compare the size of irrational numbers, locate them approximately on a number line diagram, and estimate the value of expressions. (8.NS.A.2) I can find a decimal approximation for square roots or cube roots who are not perfect squares or cubes When I have a non-perfect square root, I can reason about which two whole numbers it is between.		
	2.5	No major errors or omissions regarding score 2.0 content and partial success at score 3.0 content	
2.0	The stude	dent will perform basic processes I can identify perfect squares and perfect cubes I can identify the symbol used for square root and cube root. dent will perform basic processes I can define rational numbers. I can define irrational numbers. When given a pair of numbers written as a decimal and a fraction, I can identify they are equivalent. I can identify when a decimal is repeating dent will perform basic processes I know what an irrational number is and can give an example. I know what a rational number is and can give an example. I can identify the difference between perfect and non-perfect square roots. I can identify the difference between perfect and non-perfect cube roots.	
	1.5	Partial success at score 2.0 content and major errors or omissions regarding score 3.0 content	
1.0	With he	Vith help, partial success at score 2.0 content and score 3.0 content	
	0.5	With help, partial success at score 2.0 content but not at score 3.0 content	
0.0	Even with help, no success		