

Algebra 1
Day 14
4/30/20

Standards	<p>A1.NRNS.2* Use the definition of the meaning of rational exponents to translate between rational exponent and radical forms.</p> <p>A1.NRNS.3 Explain why the sum or product of rational numbers is rational; that the sum of a rational number and an irrational number is irrational; and that the product of a nonzero rational number and an irrational number is irrational.</p>
Learning Targets/I Can Statements	<ol style="list-style-type: none"> 1. I can differentiate between rational and irrational numbers. 2. I can determine that the sum of 2 rational number is a rational number. 3. I can determine that the sum of a rational number and an irrational number is irrational. 4. I can determine that the product of 2 rational number is a rational number. 5. I can determine that a the product of a nonzero rational number and an irrational number is irrational.
Essential Question(s)	<ol style="list-style-type: none"> 1. What is a rational number? 2. What is an irrational number? 3. Explain the result of finding the sum or product of two rational numbers. 4. Explain the result of find the sum or product of a rational number and an irrational number.
Resources	<ol style="list-style-type: none"> 1. Review the Kahn Academy video on rational and irrational numbers https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:irrational-numbers/x2f8bb11595b61c86:irrational-numbers-intro/v/recognizing-irrational-numbers 2. Review the first 3 Proof videos on “Sums and Products of Rational and Irrational Numbers https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:irrational-numbers#x2f8bb11595b61c86:sums-and-products-of-rational-and-irrational-numbers
Learning Activities or	<ol style="list-style-type: none"> 1. Review the Kahn Academy videos above. 2. Take note on the difference between rational and irrational numbers.

Experiences	3. Take note of the following from the 3 Proof videos: a. Sum and product of 2 Rational Numbers b. Sum of rational and irrational is irrational c. Product of rational and irrational is irrational 4. Complete USA TestPrep Assignment titled: Algebra I eLearning Day 14

Complete USA TestPrep Assignment:
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