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| **Class** | Algebra 1 | **Topic** | U1 – Rational Numbers | **Lesson** | 4 | **Of** | 11 |

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| **Objective** | Students will:   * Define rational numbers. * Determine whether a number is rational or irrational. * Change fractions to decimals. * Determine whether a decimal number is terminating or non-terminating, repeating or non-repeating. * Change terminating decimals to fractions. * Change non-terminating and repeating decimals to fractions. |
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| **“I Can” Statement** | I can define rational number.  I can recognize if numbers are rational or not.  I change fractions to decimals and vice versa. |

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| **Common Core Standards** | [CCSS.MATH.CONTENT.8.NS.A.1](http://www.corestandards.org/Math/Content/8/NS/A/1/) 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.  [CCSS.MATH.CONTENT.HSA.SSE.B.3](http://www.corestandards.org/Math/Content/HSA/SSE/B/3/) Choose and produce an equivalent form of an expression to reveal and explain properties of the quantity represented by the expression.\* |

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| **Bell Work** | See Bell Work 1-4 |

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| **Procedures** | 1. Start and lead student discussion related to the bell work.  2. Distribute the Guided Notes  3. Present lesson or play a video lesson.  4. Use an Online Activity if time permitted.  5. Distribute Lesson Assignment. |

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| **Assessment** | Bell Work 1-4  Assignment 1-4  Exit Quiz 1-4 |

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| **Additional Resources** | See Online Activities |