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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 Notes3. 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 1-4Assignment 1-4Exit Quiz 1-4 |

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