**Math III, Unit 5 – Rational Functions** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit Goals: Recognize rational expressions as the division of two polynomials and use properties of simple fractions to analyze, perform arithmetic operations, create and solve equations that model real world phenomena. Understand and interpret the key features, uses and limitations of multiple representations of a rational function.

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| **Date** | | **Topic** | **Material Assigned** | |
| **A Day** | **B Day** |
| Thursday, 1.3 | Friday, 1.4 | Day 1: Simplify/Multiply/ Divide Rational Expressions | Day 1 worksheet (odds only) |
| Monday, 1.7 | Tuesday, 1.8 | Day 2: Add/Subtract Rational Expressions | Day 2 worksheet (odds only) |
| Wednesday, 1.9 | Thursday, 1.10 | Day 3: Solving Rational Equations | Day 3 worksheet |
| Friday, 1.11 | Monday, 1.14 | **Graded Assignment** | *Study for Quiz* |
| Tuesday, 1.15 | Wednesday, 1.16 | **Quiz (Days 1-3)** *will go on Q3*  Day 4: Applications | Day 4 worksheet |
| Thursday, 1.17 | Tuesday, 1.22 | Day 5: Introduction to Rational Functions: Asymptotes | Day 5 worksheet |
| Friday, 1.18 | Thursday, 1.24 | Day 6: Graphing Rational Functions | Day 6 worksheet |
| Wednesday, 1.23 |  | Day 6.5: Practice | *Study for Quiz* |
| Friday, 1.25 | Monday, 1.28 | **Quiz (Days 4-6)**  Day 7: Practice | To Be Determined |
| Tuesday, 1.29 | Wednesday, 1.30 | Day 8: Review | Review Sheet |
| Thursday, 1.31 | Friday, 2.1 | **Day 9: Test** |  |

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