**Pre-Calculus 11**

**Chapter 6 ~ Rational Expressions & Equations**

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| **Learning Outcomes ~ Student can:** |
| **R3** | simplify and perform order of operations with rational expressions, and identify non-permissible values. |
| **R4** | solve rational equations algebraically, and identify extraneous roots.  |

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| **Date** | **Topic** |
| Thursday,November 7 | Lesson 6.1 ~ Rational Expressions (Worksheet "Books Never Written" & pg 317 #3, 4, 5, 11, 13,  14, 15, 19)Lesson 6.2 ~ Multiplying & Dividing Rational Expressions (pg 327 #1, 2, 4, 8, 10, Worksheet "What Happens When…" &  pg 327 #14, 15, 16) |
| Tuesday,November 12 | **Quiz 6.1 & 6.2**Lesson 6.3 ~ Adding & Subtracting Rational Expressions (pg 336 #1, 3, 5, Worksheet "Did You Hear About…" & pg 336  #7 - 10, 15, 16, 18) |
| Thursday,November 14 | **Quiz 6.3**Lesson 6.4 ~ Rational Equations (Worksheet "Did you Hear About…", "Sheep" & pg 348 #5 - 9,  12, 13, 14, 17, 19, 20) |
| Monday,November 18 | **Quiz 6.4**Review (pg 352 - 355) |
| Wednesday, November 20 | **Chapter 6 Test** |



**New Vocabulary**

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| **Term** | **Definition** | **Example** |
| Rational Expression |  |  |
| Non-Permissible Value |  |  |
| Rational Equation |  |  |