**Pre-Calculus 11**

**Chapter 5 ~ Radical Expressions & Equations**

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| **Learning Outcomes ~ Student can:** |
| **R1** | simplify, order, and perform order of operations with radical expressions.  |
| **R2** | solve radical equations algebraically and graphically, and identify domain restrictions and extraneous roots. |

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| **Date** | **Topic** |
| Wednesday,October 23 | Grade 10 Prime Factorization Review Worksheet |
| Monday,October 28 | Lesson 5.1 ~ Working With Radicals ("Sing" & "Elephants" worksheet & pg 278 #1, 4, 6, 11, 14, 17) Lesson 5.2 (part 1) ~ Multiplying Radicals ("What Do You Get" worksheet & pg 289 #1de, 2cd, 3cd, 5) |
| Wednesday,October 30 | **Quiz 5.1 & 5.2 (part 1)**Lesson 5.2 (part 2) ~ Dividing Radicals ("Did you hear" worksheet & pg 290 #7, 8bc, 10, 11, 15, 17, 21)Lesson 5.3 ~ Radical Equations ("Cake" & "Physics" worksheet & pg 301 #9cd, 10cd, 13, 15) |
| Friday,November 1 | **Quiz 5.2 (part 2) & 5.3**Review (pg 304 - 307) |
| Tuesday,November 5 | Review**Chapter 5 Test** |



**New Vocabulary**

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| **Term** | **Definition** | **Example** |
| Rationalize |  |  |
| Conjugates |  |  |
| Radical Equation |  |  |