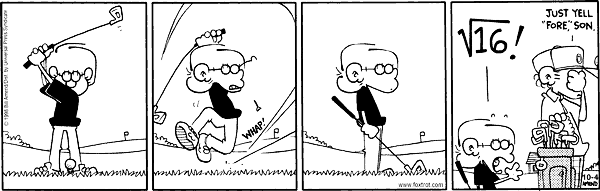
**Pre-Calculus 11**

**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 |  |  |