**Foundations of Math & Pre-Calculus 10**

**Chapter 3 ~ Polynomials**

|  |
| --- |
| **Learning Outcomes ~ Student can:** |
| P1 | use the distributive property to multiply and simplify polynomials**.** |
| P2 | factor polynomials using greatest common factors. |
| P3 | factor simple trinomials ($x^{2}+bx+c$) and binomials ($a^{2}-b^{2}$). |

|  |  |
| --- | --- |
| **Date** | **Topic & Recommended Practice** |
| Wednesday,February 19 | Polynomials Review from Grade 9Lesson P1 ~ Multiplying Polynomials (worksheet "Why is a Stick of Gum…")  (pg 186 #5, 13, 15, 17 and bonus #18, 19) |
| Monday, February 24 | **Quiz P1**Lesson P2 ~ Common Factors of a Polynomial (worksheet "Double Cross" and pg 155 #12, 14, 16)Lesson P3 ~ Factor Polynomials of the Form $x^{2}+bx+c$ and $a^{2}-b^{2}$ (worksheet "A Drastic…") |
| Wednesday,February 26 | **Quiz P2**Lesson P3 (cont) (pg 167 #14, 15, 21 and bonus #19 and worksheet "Why Didn't  Klutz…") |
| Friday,February 28 | Factoring Extra Practice (worksheet "Factoring Extra Practice")Factoring by Decomposition *\*optional Gr 11 Math\** (worksheet "What Happened When…") |
| Tuesday, March 3 | **Quiz P3**Chapter 3 Review (pg 199 #11 -14, 18, 19, 21, 24, 27 – 32, 35) **\*\*to be handed in on day of test\*\*** |
| Thursday, March 5 | **Chapter 3 Test**  |



https://encrypted-tbn0.gstatic.com/images?q=tbn%3AANd9GcT0TmkXdhb-KEc5gnAcibKw3lEpTbTib5NA\_QE-lwiA3iyfGWwG**New Vocabulary**

|  |  |  |
| --- | --- | --- |
| **Term** | **Definition** | **Example** |
| Expand |  |  |
| Factor |  |  |
| Difference of Squares |  |  |