**Honors Math 2 Unit 3: Quadratic Functions**

Lunch Tutorials: Tuesday – Lunch B and Thursday – Lunch A

|  |  |  |  |
| --- | --- | --- | --- |
| Day | Date | Topic | Classwork |
| 1 | Mon.  10/2 | Review Polynomials  Adding/Subrtacting  Distributive Property, FOIL | Review Polynomials  Adding/Subrtacting  Distributive Property, FOIL |
| 2 | Tues.  10/3 | Factor – GCF, Grouping | Notes and Practice Factoring – GCF, Grouping |
| 3 | Weds.  10/4 | Factor – Special Cases | Notes and Practice Factoring – Special Cases |
| 4 | Thurs.  10/5 | Factor – Trinomials (a = 1) | Notes and Practice Factoring – Trinomials (a = 1) |
| 5 | Fri.  10/6 | Factor - Trinomials (a 1) | Notes and Practice Factoring - Trinomials (a 1) |
| 6 | Mon.  10/9 | Factor – all types | Mixed Review of Factoring – all types |
| 7 | Tues.  10/10 | **Quiz #1 – Unit 3 Factoring** | **Quiz #1 – Unit 3 Factoring** |
| 8 | Weds.  10/11 | Solving Quadratic Equations by Factoring | Notes Solving Quadratic Equations by Factoring |
| 9 | Thurs.  10/12 | Solving Quadratic Equations by Factoring | Practice Solving Quadratic Equations by Factoring |
| 10 | Fri.  10/13 | Simplifying Radicals, Inro to Imaginary Numbers, Solving Quadratics by taking the square root of both sides | Simplifying Radicals, Inro to Imaginary Numbers, Solving Quadratics by taking the square root of both sides |
| 11 | Mon.  10/16 | Solving Quadratics Equations by Completing the Square | Notes Solving Quadratics Equations by Completing the Square |
| 12 | Tues.  10/17 | Solving Quadratics Equations by Completing the Square | Practice Solving Quadratics Equations by Completing the Square |
| 13 | Weds.  10/18 | Solving Quadratic Equations by using the Quadratic Formula | Notes and Practice Solving Quadratic Equations by using the Quadratic Formula |
| 14 | Thurs.  10/19 | Finding and Interpreting the Discriminant | Notes and Practice Finding and Interpreting the Discriminant |
| 15 | Fri.  10/20 | **Early Release**  Review for Midterm | Review for Midterm |
| 16 | Mon.  10/23 | Review for Midterm | Review for Midterm |
| 17 | Tues.  10/24 | **Midterm – Cumulative Test** | **Midterm – Cumulative Test** |