

| Date | Topic | Assigned Work |
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| Mon. Sept. 24 | Begin Unit 2: Polynomial Functions Review Linear/Quadratic Functions (PowerPoint Presentation) | Worksheet Activity 2.1.1, 2.1.2, 2.1.3 Study for Unit 1 Test |
| Tues. Sept. 25 | Investigating Cubic/Quartic Functions | Worksheet Activity 2.2.2, 2.2.3* Study for Unit 1 Test |
| Wed. Sept. 26 | Unit 1 Summative: Exponential Functions | |
| Thurs. Sept. 27 | Properties of Cubic and Quartic Functions (PowerPoint Presentation) | 2.3.1, 2.3.2, 2.3.3 |
| Fri. Sept. 28 | Graphing functions in factored form | 2.5.1, 2.5.2, 2.5.3 #5(a-f) posted online: *Read p.208 posted online: pp.212-213 #5-7, 9, 11 |
| Mon. Oct. 1 (White Boards) | Identifying Polynomial Functions | 2.4.2*, 2.4.3*, 2.4.4 posted online: *Read p.194 posted online: pp.197-198 #1, 2, 5 |
| Tues. Oct. 2 | Determining Equations of Polynomial Functions (using the roots and a point) | 2.6.1, 2.6.2, 2.6.3 posted online: *Read pp.209-211 (Ex.1-3) posted online: pp.212-214 #8, 10, 14bcd, 16, 17(a-d) |
| Wed. Oct. 3 | Solving Polynomial <i>Equations</i> graphically (using the corresponding polynomial function) | 2.7.1 posted online: pp. 217-218 #1, 2c, 3d, 4b, 6, 7 |
| Thurs. Oct. 4 | Quiz 2.1 Modeling using Quadratic Functions | 2.8.1 posted online: pp. 224-225 #4(a-c), 6, 7, 10 |
| Fri. Oct. 5 | Modeling using Cubic Functions | 2.9.1 posted online: p. 230 #1-4 |
| Mon. Oct. 8 | ☺ Thanksgiving Day ☺ | |
| Tues. Oct. 9 [Interim Reports] | Review (& Correct Review and 2.9.1) | posted online: pp.244-245 #1, 3-7 p.247 #17 |
| Wed. Oct. 10 | Begin Unit 3: Polynomial Equations Comparing zeros of polynomial functions to the roots of the corresponding polynomial equation | 3.1.1, 3.1.2, 3.1.3 (Print out 3.2.2, 3.2.3 & 3.2.5 in advance) Be ready for the Unit 2 Summative tomorrow! |
| Thurs. Oct. 11 [Parents' Night] | Unit 2 Summative: Polynomial Functions | |
| Fri. Oct. 12 | Factoring extended to cubic & quartic expressions: Methods: common factoring, difference of squares, trinomial factoring, and grouping | (Print out 3.2.2, 3.2.3 & 3.2.5 in advance) 3.2.2*, 3.2.3*, 3.2.4, 3.2.5* |
| Mon. Oct. 15 | Solving cubic & quartic equations (PowerPoint Presentations) | (Print out 3.3.1 in advance) 3.3.1*, 3.3.2 #1(a-h) |
| Tues. Oct. 16 | Expand and Simplify polynomial expressions | (Print out 3.4.1 in advance) 3.4.1* 3.4.2 #1-12 Study for Factoring Quiz |