

## Advanced Algebra-B Assignments

### Chapters 0, 5, 6 — Fall 2017

TOPIC	ASSIGNMENT
Fraction Review	0.1: Worksheet
Evaluating Algebraic Expressions	0.2: Pg. 13-14: 1-49 odd, 59, 60
Solving Equations	0.3: Worksheet
Slope Review	0.4: Pg. 86-87: 3-35 odd
Quiz Review	0.1-0.4 Quiz Review Worksheet
Graphs of Linear Equations	0.5: Pg. 93-94: 1-41 odd
Writing Equations of Lines	0.6 a: Worksheet
Slope Application Problems	0.6 b: Worksheet
Factoring GCF, X-Method	0.7: Worksheet
Factoring FBG, DOPS	0.8: Worksheet
Choosing the Right Factoring Tool	0.9: Worksheet
Quadratic Formula	0.10: Pg. 296-297: 3-23 odd, 31-36 all
Chapter 0 Review	Review Worksheet
Using Properties of Exponents	5.1 I: pg. 333: 3 - 14, 24 - 35, 40 – 42 (work only, don't name properties)
Using Properties of Exponents	5.1 II: Worksheets 1-4
Graphing on Calculator	Worksheet
Evaluating and Graphing Polynomial Functions	5.2 I: Synthetic Substitution Worksheet
Evaluating and Graphing Polynomial Functions	5.2 II: End Behaviors Worksheet
Evaluating and Graphing Polynomial Functions	5.2 III: End Behaviors Worksheet
Adding, Subtracting, and Multiplying Polynomials	5.3: Worksheet
Quiz Review	5.1-5.3 Quiz Review Worksheet
Factoring and Solving Polynomial Equations	5.4 I: Worksheet
Factoring and Solving Polynomial Equations	5.4 II: Worksheet
Synthetic Division and Long Division	5.5 I: Worksheets 1-2
The Remainder and Factor Theorems	5.5 II: Worksheet
Finding Rational Zeros	5.6: Worksheet
Writing Polynomial Equations	5.7: Worksheet
Analyze Graphs of Polynomial Functions	5.8: Worksheet
Quiz Review	5.4-5.8 Quiz Review Worksheet
Chapter 5 Review	5-R: Review Worksheet
Simplifying Radicals	6.0 a: Worksheet
Simplifying Radicals	6.0 b: Worksheet
Quiz Review	6.0 a, b Square Root Quiz Review Worksheet

$n$ th Roots and Rational Exponents	6.1 I: Worksheet
Solving Equations Using Roots, Powers	6.1 II: Worksheet
Properties of Rational Exponents	6.2 I: Pg. 424 - 425: 4-28, 44-56 every other even, 5, 17, 21, 46, 49, 50, 66
Properties of Rational Exponents	6.2 II: Pg. 424 - 425: 32-40, 60-64 all evens
Function Operations	6.3 I: pg. 432 – 433: 1-19
Composition of Functions	6.3 II: Pg. 432 - 433: 20-35
Quiz Review	6.1-6.3 Quiz Review Worksheet
Inverse Functions	6.4 I: Pg. 442 – 443: 1 – 43 odd, except 41
Inverse Functions	6.4 II: Worksheet
Graphing Square Root and Cube Root Functions	6.5: Worksheet
Solving Radical Equations	6.6: Worksheet
Quiz Review	6.4-6.6 Quiz Review Worksheet
Chapter 6 Review	6-R: Review Worksheet