Advanced Algebra Assignments
Chapters 3-6, 12 -- Spring 2022

TOPIC	ASSIGNMENT
Graphing Polynomial Functions	3.1: Worksheet: All except 13, 14, 16, 17, 19, 20, 29, 32
Adding, Subtracting, and Multiplying Polynomials	3.2: Worksheet: All except 11, 26, 29-32
Polynomial Identities	3.3a: Worksheet: Do 19, 24, 26-51, 65
Polynomial Identities	3.3b: Worksheet: Do 18, 20-23, 25, 52-64, 68
Dividing Polynomials	3.4a: Worksheet: Do 10, 13-23, 33, 34
Dividing Polynomials	3.4b: Worksheet: Do 9, 24-31, 35, 36
Quiz Review	Review Worksheet: All
Zeros of Polynomial Functions	3.5: Worksheet: All except 6, 9, 18, 21, 25, 26, 30
Theorems About Roots of Polynomial Equations	3.6: Worksheet: All except 18, 19, 21, 23, 28, 29, 35, 37, 38
Transformations of Polynomial Functions	3.7: Worksheet: All except 7-10, 27
Chapter 3 Review	Review Worksheet: All
Inverse Variation and the Reciprocal Function	4.1: Worksheet : All except 8, 13, 24-26
Graphing Rational Functions	4.2: Worksheet: All except 10-12, 15-16, 28-31, 33, 35
Quiz Review	Review Worksheet: All
Multiplying and Dividing Rational Expressions	4.3: Worksheet: All except 8, 10-14, 32-35, 37
Adding and Subtracting Rational Expressions	4.4a: Book Worksheet: Do 16-20; Other Worksheet: All
Adding and Subtracting Rational Expressions	4.4b: Worksheet: Do 13-14, 21-28, 30, 32, 34
Solving Rational Equations	4.5: Worksheet: All except 8-13, 27a, 28-31, 33
Chapter 4 Review	Review Worksheet: All
nth Roots, Radicals, and Rational Exponents	5.1: Worksheet: All except 23, 24, 49, 50
Properties of Exponents and Radicals	5.2: Worksheet: all except 13-18, 49, 50, 53-55
Quiz Review	Review Worksheet: All
Graphing Radical Functions	5.3: Worksheet: All except 11, 12, 15, 16, 29, 31, 33
Solving Radical Equations	5.4: Worksheet: All except 15-17, 19, 20, 43, 44, 46
Function Operations	5.5: Worksheet: All except 12, 13, 15-19, 33, 34, 36
Inverse Relations and Functions	5.6: Worksheet: All except 9-11, 13, 15, 32, 35, 37 38
Chapter 5 Review	Review Worksheet: All
Key Features of Exponential Functions	6.1: Worksheet: All except 11, 12, 27, 29, 30
Exponential Models	6.2: Worksheet: All except 14, 15, 25, 26, 28, 30-33
Logarithms	6.3: Worksheet: All except 13-16, 53-55, 57
Quiz Review	Review Worksheet: All
Logarithmic Functions	6.4: Worksheet: All except 7, 10, 17, 18, 26- 28, 31
Properties of Logarithms	6.5: Worksheet: All except 7-9, 12, 13, 36, 37, 40
Exponential and Logarithmic Equations	6.6: Worksheet: All except 10, 12-14, 38-40, 42-46
Geometric Sequences and Series	6.7: Worksheet: All except 11-13, 15, 17, 20, 35, 36-39, 41. 43
Chapter 6 Review	Review Worksheet: All

Probability Events	12.1: Worksheet
Conditional Probability	12.2: Worksheet
Permutations and Combinations	12.3: Worksheet
Final Review	FR-R: Final Review Worksheet