

Advanced Algebra Assignments

Chapters 3-6, 12 -- Spring 2021

TOPIC	ASSIGNMENT
Graphing Polynomial Functions	3.1: Worksheet: All except 13, 14, 16, 17, 29, 32
Adding, Subtracting, and Multiplying Polynomials	3.2: Worksheet: All except 11, 29, 32
Polynomial Identities	3.3a: Worksheet: 19, 24, 26-51, 65, 67
Polynomial Identities	3.3b: Worksheet: 18, 20-23, 25, 52-64, 68
Dividing Polynomials	3.4a: Worksheet: 10, 13-23, 33, 34
Dividing Polynomials	3.4b: Worksheet: 9, 24-31, 35, 36
Quiz Review	Review Worksheet
Zeros of Polynomial Functions	3.5: Worksheet: All except 6, 9, 21, 30
Theorems About Roots of Polynomial Equations	3.6: Worksheet: All except 18, 19, 28, 29, 38
Transformations of Polynomial Functions	3.7: Worksheet: All except 7, 9, 27
Chapter 3 Review	Review Worksheet
Inverse Variation and the Reciprocal Function	4.1: Worksheet : All except 25,26
Graphing Rational Functions	4.2: Worksheet: All except 10-12, 28-31, 35
Quiz Review	Review Worksheet:
Multiplying and Dividing Rational Expressions	4.3: Worksheet: All except 10-12, 32, 34, 37
Adding and Subtracting Rational Expressions	4.4a: Book Worksheet: 12, 15-20, 31; Other Worksheet: All
Adding and Subtracting Rational Expressions	4.4b: Worksheet: 13-14, 21-30, 32-34
Solving Rational Equations	4.5: Worksheet: All except 8-9, 12-13, 27a, 28-30, 33
Chapter 4 Review	Review Worksheet: All
n th Roots, Radicals, and Rational Exponents	5.1: Worksheet: All except 23, 24, 50
Properties of Exponents and Radicals	5.2: Worksheet: all except 16, 18, 53, 55
Quiz Review	Review Worksheet: All
Graphing Radical Functions	5.3: Worksheet: All except 12, 16, 31, 33
Solving Radical Equations	5.4: Worksheet: All except 16, 20, 43, 44, 46
Function Operations	5.5: Worksheet: All except 16, 17, 33, 36
Inverse Relations and Functions	5.6: Worksheet: All except 11, 13, 15, 32, 35, 38
Chapter 5 Review	Review Worksheet: All
Key Features of Exponential Functions	6.1: Worksheet: All except 12, 29, 30
Exponential Models	6.2: Worksheet: All except 14, 15, 25, 26, 28, 30, 32, 33
Logarithms	6.3: Worksheet: All except 13, 16, 53, 55, 57
Quiz Review	Review Worksheet: All
Logarithmic Functions	6.4: Worksheet: All except 10, 17, 18, 27, 28, 31
Properties of Logarithms	6.5: Worksheet: All except 8, 13, 36, 40
Exponential and Logarithmic Equations	6.6: Worksheet: All except 10, 12-14, 38-40, 42-44, 46
Geometric Sequences and Series	6.7: Worksheet: All except 11-13, 15, 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
Quiz Review	Review Worksheet
Final Review	FR-R: Final Review Worksheet