

Advanced Algebra Assignments

Chapters 4-7, 12 -- Spring 2023

TOPIC	ASSIGNMENT
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
n th 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
Trigonometric Functions and Acute Angles	7.1:
Angles and the Unit Circle	7.2a:
Angles and the Unit Circle	7.2b:
Quiz Review	Review Worksheet: All
Trigonometric Functions and Real Numbers	7.3:
Graphing Sine and Cosine Functions	7.4a:
Graphing Sine and Cosine Functions	7.4b:
Graphing Other Trigonometric Functions	7.5:
Chapter 7 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