

Algebra 2: Testing Out Student Information

Updated for Summer 2026

Textbook:

- You must go to the bookstore and check out a **Discovering Advanced Algebra** textbook for the summer.
- You are responsible for returning the textbook during registration or you will be fined.

Format of the Exam:

- Each exam (Semester A and B) will be at most 50 questions.
- All questions are multiple choice.
- You can show any work on the exam packet, but we will only score your scantron sheet.

How to Review for the Exam:

- You should look at the chapters and sections that will be covered on the exam.
- You will want to complete homework questions for each section to practice. Some answers are in the back of the book.
- If you are in need of instruction to help learn the content, we recommend you use Khan Academy as that source. <https://www.khanacademy.org/math/algebra2>
- A review FRAME and Review Sheet will be given for every chapter. This is an overview of the chapter. It does not cover all of the content which is why you will want to do homework/review questions from the book.

On Testing Out Day:

- You will be provided a graphing calculator to use during the exam. If you bring your own calculator, the memory will be cleared before and after the exam and any programs that you have will be erased.
- You may **NOT** bring any notes/notecard to use on the exam.
- The only formulas that you will be given are the [SAT/PSAT formulas sheet](#). If you need anything more, you must memorize them.
- You will have 90 minutes to complete each exam.

Please keep in mind:

- **If you are unable to pass both the Algebra 2A exam and Algebra 2B exam, you should be scheduled to take Algebra 2A in the fall.**
- It is **NOT** to your benefit to wait until 2nd semester to take Algebra 2B if you plan to take AP Pre-Calculus next year.
- You **CANNOT** take AP Pre-Calculus if you have not passed **BOTH** Algebra 2A and 2B exams with a 76% or higher.
- If you **PASS** both Algebra 2A and Algebra 2B exams but are still worried about your success in AP Pre-Calculus, please tell your counselor to schedule you into a full year of Algebra 2 next school year.

Content To Review from the Discovering Advanced Algebra Book:

Algebra 2A:

These units might not match the textbook. Please use the page numbers and lesson numbers to assist.

Unit Title	<u>Unit 1:</u> Sequences and Linear Modeling	<u>Unit 2:</u> Functions, Relations & Transformations	<u>Unit 3:</u> Quadratic Functions	<u>Unit 4*:</u> Systems of Equations
Book page numbers to review	Pg 27-100	Pg 142 - 199	Pg 259 - 316	Pg 101 - 141
Lessons to Study	Lessons 1 - 9	Lessons 1 - 7	Lessons 1-7	Lessons 1-3 *Addition: solve nonlinear systems
Reviews	Review KEY Frame KEY	Review KEY Frame KEY	Review KEY Frame KEY	Review KEY Frame KEY
Online reviews	Quizizz 1.1 - 1.4 Quizizz 1.5 - 1.6 Quizizz 1.7 - 1.9	Chapter 3 Review Quizizz	Quadratics Basics Quizizz Solving Quadratics Quizizz	Chapter 2 Review Quizizz (does not include solving nonlinear)

Algebra 2B:

These units might not match the textbook. Please use the page numbers and lesson numbers to assist.

Unit Title	<u>Unit 5:</u> Polynomial Functions	<u>Unit 6:</u> Rational Functions	<u>Unit 7:</u> Exponential & Logarithmic Functions	<u>Unit 8*:</u> Trigonometry and Trigonometry Functions
Book page numbers to review	Pg 317 - 350	Pg 351 - 381	Pg 200 - 242	Pg 384 - 441
Lessons to Study	Lessons 1 - 4	Lessons 5 - 9	Lessons 1 - 6	Lessons 1 - 6 *Addition: Law of Sines/Cosines
Reviews	Review KEY Frame KEY	Review KEY Frame KEY	Review KEY Frame KEY	Review #1 KEY Review #2 KEY Frame KEY
Online reviews	Polynomials Quizizz Review	Rationals Quizizz Review	Exponential Graphs Solve Exponentials Logarithm Graphs Solve/Rewrite Logs	Quizizz Review #1 Unit Circle Quizizz Quizizz Review #2 (Graphs)