

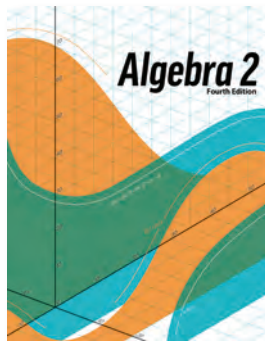
Algebra 2

EDITION COMPARISON

NEW

Updates

The 4th edition retains the previous scope and sequence but integrates significant improvements. The Teacher Edition now includes the teaching cycle, enhanced visual and biblical worldview resources, and streamlined instruction. The Student Activities has been greatly expanded into a printed format with two new STEM projects and technology updates. Content refinements reflect current state and national standards, with improved accessibility for both classroom and homeschool settings.



4th Edition

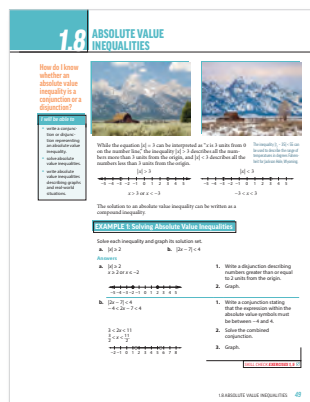


3rd Edition

Content Updates

- Placed new vocabulary boxes before the exercise set to emphasize terms introduced in the lesson
- Expanded chapter reviews to highlight key concepts from each section and the chapter's biblical worldview theme
- Expanded and moved LPOs to the beginning of each corresponding chapter
- Implemented 4-part teaching cycle, featuring teaching strategies denoted by magenta numbers
- Made the Student Activities a printed product similar to Student Activities in earlier grades
- Added step-by-step solutions to the Activities Answer Key
- Added pages in the Student Edition previewing the two new STEM projects added to the Activities
- Removed "Math History" feature in every other chapter
- Added exercises addressing each section's Essential Question and any BWS objectives
- Added flags indicating selected exercises emphasizing Essential Math Practices
- Added two multiple choice questions to each section's Cumulative Review to help to prepare students for standardized testing
- Updated technology activities in the Student Activities to use the TI-84 CE calculator
- Modified "Algebra Around the World" features to include a few content- or web search-related questions
- Updated "Application Problems" feature to include exercises related to new biblical worldview shaping objectives
- Added extra practice activities that align with key concepts for each chapter to the Student Activities
- Added two new STEM projects in the Student Activities

Textbook Snapshot



Special Features

- A Key Concepts page, summarizing the chapter's biblical worldview shaping themes in each chapter
- "Skill Check" sections for formative assessment
- STEM projects aligned with real-world problems and engineering design
- Updated "Application Problems" sections for worldview shaping
- "Algebra Around the World" sections with interactive questions
- "Programming Challenges" feature to apply math through coding
- Interactive technology activities with calculators and spreadsheets
- Mathardy PowerPoint review games
- Chapter review visuals emphasizing biblical themes