

Elementary and Intermediate Algebra

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Source	Author(s) (Text or Video)	Title(s)	Link (where applicable)
OpenStax	Lynn Marecek, Santa Ana College MaryAnne Anthony-Smith, Formerly of Santa Ana College	Elementary Algebra	Elementary Algebra: OpenStax
Openstax	Lyn Marecek, MaryAnne Anthony-Smith	Intermediate Algebra	Intermediate Algebra
Mathispower4u Videos	James Sousa	MathIsPower4U	Mathispower4u Videos

Alta Elementary and Intermediate Algebra was developed to meet the scope and sequence of a typical one-semester algebra course. To develop the course, Knewton used three main sources of content: OpenStax, videos created by a Math Professor we have partnered with, and a team of Subject Matter Experts. The SMEs come from diverse backgrounds and are all academics in the field of mathematics.

Alta Elementary and Intermediate Algebra has two instructional sequences for every learning objective, giving students multiple opportunities to learn new concepts. Between our OpenStax text, video content, and Knewton SMEs, we were able to solicit ideas from math instructors and students at all levels of higher education. Knewton Elementary Algebra covers the typical breadth of algebra topics, and also provides the necessary depth to ensure the course is manageable and engaging for instructors and students alike.

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 - Use Pascal's Triangle to expand a binomial
 - Evaluate a binomial coefficient
 - Use the binomial theorem to expand a binomial