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Home page

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Welcome to Algebra 1 Support!

Overview

This is the STEM Support home page for your Algebra 1 journey. Choose your own curriculum and work toward the course competencies at your own pace. Check out the FAQ video library as you have questions. Contact your course mentor as needed for asynchronous tutoring support or to schedule some synchronous time. Oh, and don't forget to enjoy the view! While there may be some challenging hills along the way, the mathematical structures that undergird physical reality are marvelous to behold.

*The heavens declare the glory of God; And the firmament shows His handiwork. Day unto day utters speech, And night unto night reveals knowledge.
Psalm 19:1b-2*

Supported Curricula

- OpenStax | Elementary Algebra 2e
- BJU Press | Algebra 1

Don't see your curriculum listed? Just head over to the [General Channel](#) and let me know. I'll work with you to get it supported.

Course Modules

See how each section of your textbook maps to these modules on the [Textbook Mappings](#) page.

- 1 - Solving Equations and Using Real Numbers
- 2 - Solving Inequalities
- 3 - Relations and Functions
- 4 - Linear Functions
- 5 - Solving Linear Systems of Equations
- 6 - Exponents
- 7 - Polynomials
- 8 - Radicals
- 9 - Quadratic Functions
- 10 - Rational Expressions

FAQ Video Library

Access the video library as you progress through the course modules or directly here:

FAQ Video Library


About me

Dr. Jeff Christianson
Faculty
[Schedule Meeting](#)

As you have questions, please chat with me in one of the Teams channels or use the link above to schedule a meeting.

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Classwork

10 modules (10 published • 0 draft)Student view

Module 1 - Solving Equations Using Real Number Operations

Achieve the "Solving Equations Using Real Number Operators" course learning outcomes:

- Review real numbers and their operations from Pre-Algebra
- Review expressions and solving equations from Pre-Algebra
- Use equations to solve practical problems described in words such as proportions, scale models, percents, money, and mixtures

[See less](#)

FAQ Library: Expressions

Module 1 - Solving Equations

Module 2 - Solving Inequalities

1 notebook page | 1 channel

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General

PostsFiles

Jeff Christianson, PhD5/7/2024 9:47 PM Edited

Welcome to Algebra 1 Support!

This is a channel where you can interact asynchronously with everyone in the course. There is also a public channel reserved for discussion specific to each module. You also have a private channel where you can communicate with me as needed.

If you haven't found it already, please check out the [Course Home Page](#) from where you will be able to navigate through the course. As you proceed through each module (which corresponds to a primary course learning outcome), you will find a [FAQ video library](#) that may answer some of your initial questions.

[see more](#)

Reply



Module 1: Solving Equations Using Real Number Operations

Wednesday, May 01, 2024 5:44 PM

See below for FAQ Library links for Module 1 learning outcomes:

1. Review real numbers and their operations from Pre-Algebra
 - a. [What are zero exponents and why do they evaluate to 1?](#)
 - b. [Why are some infinite-digit decimals rational numbers?](#)
2. Review expressions and solving equations from Pre-Algebra
3. Use equations to solve practical problems described in words such as proportions, scale models, percents, money, and mixtures