

enVision Mathematics © 2024 Family Engagement

Welcome



Family Engagement

OVERVIEW OF RESOURCES

enVision® Algebra 1 was specifically designed to foster your student's success.

STUDENT DIGITAL RESOURCES

enVision® Algebra 1 offers a variety of digital resources to help your student see the math. Your student can access and utilize these resources in their student login portal.

LESSON RESOURCES

- Interactive Student Edition engages and deepens understanding of mathematical concepts.
- Activities help students explore and interact with the mathematical concepts.
- Animations bring mathematical concepts to life.
- Key Concept reviews key lesson content through multiple representations.
- Virtual Need Tutorials review content from each lesson.

PRACTICE AND ASSESSMENT

- Digital Practice gives students opportunities to practice what they've learned.
- Assessment lets students show what they've learned.

HOMEWORK RESOURCES

enVision® Algebra 1 also offers embedded digital homework help for assignments to help your student succeed in mathematics.

Questions
MathXL Practice & Problem Solving questions are similar to the questions in the Student Edition.

Responsive Feedback
Digital questions provide feedback for errors.

Question Help
Help Me Solve This explains each step of the question. View an Example shows a similar question. Videos offer students tutorials on related concepts. Textbook connects students to lesson content. Glossary helps with understanding unfamiliar math terms. Math Tools provides access to digital manipulatives.

Similar Question
Your student can solve similar questions for practice and understanding.

Check Answer
Your student can check their answer and try again.

SUPPORTING LEARNING AT HOME

Outside of utilizing the enVision® Algebra 1 resources, you can support your student's learning at home by doing the following.

1. GET READY!

- Create a work-friendly environment.
- Designate a quiet place for study.
- Keep study time uninterrupted time.
- Provide needed math tools as well as headphones or other items that assist learning.

2. SUPPORT!

- Familiarize yourself with in-class and/or distance-learning procedures
- Help your student use enVision® Algebra 1's resources and find additional help online as needed, but do not provide answers
- Assist with assignment organization
- Help your student prioritize deadlines
- Provide positive feedback
- Acknowledge progress

3. GO BEYOND!

- Point out how math is used in everyday life.
- Look for real-world problems and then help your child solve them.
- Promote a positive attitude toward math by talking about careers in math.

Thank you for valuing math and learning and for helping your child do so, too.

Family Engagement helps support student learning beyond the classroom

Welcome to **enVision Family Engagement!**

Family Engagement resources have been designed to help caregivers, parents, family and community members support student learning beyond the classroom.

Let's explore the resources available that will help equip you with strategies and tools that will engage your student.

Overview of Resources

The screenshot shows the 'enVision Algebra 1 Overview of Resources' page. At the top, there is a navigation bar with 'enVision Algebra 1', 'Overview of Resources', and a dropdown menu for 'Topic / Lesson Support'. The main content area is titled 'OVERVIEW OF RESOURCES' and includes a 'Print or save as pdf' link. Below this, there is a section for 'STUDENT DIGITAL RESOURCES' with a description: 'enVision® Algebra 1 offers a variety of digital resources to help your student see the math. Your student can access and utilize these resources in their student login portal.' The page is organized into four main categories, each with a list of resources:

- LESSON RESOURCES**
 - Interactive Student Edition** engages and deepens understanding of mathematical concepts.
 - Activities** help students explore and interact with the mathematical concepts.
 - Animations** bring mathematical concepts to life.
 - Key Concept** reviews key lesson content through multiple representations.
 - Virtual Nerd Tutorials** review content from each lesson.
- PRACTICE AND ASSESSMENT**
 - Digital Practice** gives students opportunities to practice what they've learned.
 - Assessment** lets students show what they've learned.
- ADDITIONAL SUPPORT**
 - Digital Glossary** includes images and definitions in both English and Spanish.
 - Digital Math Tools** allow for open-ended exploration.
 - Desmos** is available any time, and as embedded interactives in lesson content.

You will receive a link directly from your school with no login required.

Here in the Overview of Resources, you'll find a variety of digital resources to help your student see the math.

You'll find the interactive Student Edition, additional practice and examples for each lesson, videos, math tools, vocabulary, and more!

Topic-Level Support

enVision Algebra 1 Overview of Resources Topic / Lesson Support

WELCOME

Thank you for working with your student's teacher and with us, the authors of **enVision® Algebra 1**, to advance your student's learning. This is important to us, and we know it is to you.

enVision® Algebra 1 was specifically designed to foster your student's success.

enVision® Algebra 1 was developed to help students see the math. And the program includes resources to help families see the math as well.

[Print or save as pdf](#)

OVERVIEW OF RESOURCES

enVision® Algebra 1 offers a variety of resources to help your student succeed.
[Learn More](#)

TOPIC/LESSON SUPPORT

enVision® Algebra 1 provides topic and lesson-level support. Look for an overview of each Topic's content, lesson objectives, and suggested ways you can help with homework. Choose a Topic below, or use the menu at the top of this page to navigate to a specific Topic.

- Topic 1** [Solving Equations and Inequalities](#)
- Topic 2** [Linear Equations](#)
- Topic 3** [Linear Functions](#)
- Topic 4** [Systems of Linear Equations and Inequalities](#)
- Topic 5** [Piecewise Functions](#)
- Topic 6** [Exponents and Exponential Functions](#)
- Topic 7** [Polynomials and Factoring](#)
- Topic 8** [Quadratic Equations](#)
- Topic 9** [Solving Quadratic Equations](#)
- Topic 10** [Working with Functions](#)
- Topic 11** [Statistics](#)

The Topic Overview provides a preview of upcoming content with visuals to support understanding.

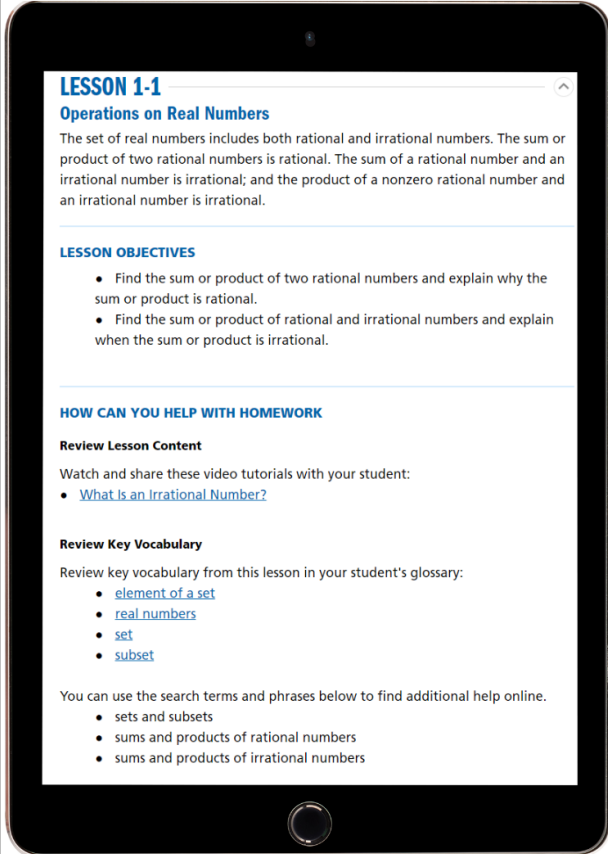
Think of a topic as themed headings focusing on a specific math idea. Let's look at a topic.

Each topic has a focus, so you can engage with your student on the big idea and understand the end learning goal.

You are presented with multiple ways of helping your student understand the concepts being taught.

Use Connect The Math to tie the math to everyday experiences for your student. This will help them connect the big idea to the world around them.

Lesson-Level Support



LESSON 1-1
Operations on Real Numbers

The set of real numbers includes both rational and irrational numbers. The sum or product of two rational numbers is rational. The sum of a rational number and an irrational number is irrational; and the product of a nonzero rational number and an irrational number is irrational.

LESSON OBJECTIVES

- Find the sum or product of two rational numbers and explain why the sum or product is rational.
- Find the sum or product of rational and irrational numbers and explain when the sum or product is irrational.

HOW CAN YOU HELP WITH HOMEWORK

Review Lesson Content

Watch and share these video tutorials with your student:

- [What Is an Irrational Number?](#)

Review Key Vocabulary

Review key vocabulary from this lesson in your student's glossary:

- [element of a set](#)
- [real numbers](#)
- [set](#)
- [subset](#)

You can use the search terms and phrases below to find additional help online.

- sets and subsets
- sums and products of rational numbers
- sums and products of irrational numbers

Lessons support the overall topic concept

New ideas and examples

Visual learning opportunities

Practice

Lessons support the overall topic concept. Each lesson digs in by introducing new ideas and providing new examples, visual learning opportunities and practice. Each topic has multiple lessons to support the topic concept.

Lesson support gives you worked-out homework examples, definitions, and video support.

Start with the Lesson Objective. This will help you understand the Objective and other words you can use to help your student better understand the concept.

Use any hyperlinks to help visualize abstract concepts.

Closing

A graphic with a blue background and white text. At the top left is the enVision Mathematics logo, with 'enVision' in black and 'Mathematics' in red. Below the logo, the words 'Family Engagement' are written in white. In the center is a photograph of a woman in a green shirt and a young girl in a pink shirt sitting on a bed, looking at a laptop. At the bottom, the text 'my SAVVAS Training' is written in white.

Family involvement is one of the many ways enVision supports your student's success in math.

enVision's Family Engagement resources are here to help you guide and advance your student's learning and foster their success.

If you don't have a link from your school, see a sample at learning.savvas.com/enVisionFamily.

Thank you for joining us!