

My Resources

Smart Start Wonder what you should do first and prepare to teach with **enVision A|G|A**? Use this Smart Start tool!

Online Support

Would you like to learn more about the digital resources that are apart of **enVision A|G|A**? Review the tutorials and support available on MySavvasTraining.com.

Pacing & Planning Support

Want to know more about pacing your semester and school year? Check out some great resources in the *Teacher's Edition Program Overview* that can help you plan and pace your instruction.



www.mySavvasTraining.com

A one-stop, 24-hour training website with thousands of Savvas resources



www.SavvasRealize.com

A web-based portal with full, digital access to the program

How to Get Support



Online Courses

Prepare for day one and beyond, as you navigate through print and digital program features at your own pace.



Technical Support

For help with logging in to Realize or EasyBridge, finding a missing program, class rostering, or initial Realize setup, access Technical Support.



CALL

1-800-848-9500



Program Support

For questions on your program curriculum and how to use it with your students, engage in a chat session or leave a message for an Educational Specialist.

> DIG into resources

Familiarize yourself with the components.

- **TEPO:** Read the From the Authors sections.
- **SE:** Check out the layout of student pages.
- **RLZ:** Explore the Table of Contents, tools, and search features.
- **TE:** Review the Topic and Lesson supports and guidance.

> TOUR the program

- **TEPO:** Read **Using a Lesson** in the User's Guide.
- **RLZ:** Review the instructional resources available under the Teacher Resources and Tools menus.
- **myST:** To view all resources, go to the On-Demand Training tab. Watch some of the tutorials or explore a asynchronous course.

> Prepare & Plan for instruction

- Review the **Pacing Guide** and **Correlations** information in the *Teacher's Edition Program Overview*.
- In your Teacher's Edition, plan using the **Topic Overview** resources:
 - Review the **Topic Readiness Assessment** and **Skills Review & Practice** activities.
 - Examine the **Math Background** and **Topic Planner** pages. How can these be used in your planning decisions?
 - Review the **Topic Opener** to find out more about the **Essential Question** and **Mathematical Modeling in 3 Acts** tasks for the topic.
 - Investigate the **enVision STEM** project for the topic, think about how you might use this activity in your classroom.
- Establish a routine for using devices in your classroom.
- Work with a partner or group to customize and share a **Topic Assessment** or customized **Lesson** with a playlist.

Key

TEPO – Teacher's Edition
Program Overview

SE – Student Edition

myST- mySavvasTraining.com

RLZ - savvasrealize.com

The *Teacher's Edition Program Overview* gives you information about pacing enVision A|G|A. The Pacing For Success Guide contains pacing recommendations for Traditional and Block schedules including lessons, Mathematical Modeling in 3 Acts tasks, and enVision STEM projects. You'll find more topic and lesson specific planning support in your *Teacher's Edition*.

enVision Algebra 1 PACING FOR SUCCESS

enVision® Algebra 1 was designed to provide students rich opportunities to build understanding of important new mathematical concepts and develop fluency with key skills as described in the Standards for Mathematical Content, and to gain proficiency with the habits of mind and thinking dispositions described in the Standards for Mathematical Practice. To achieve these goals, the program includes content-focused core lessons, Mathematical Modeling in 3 Acts lessons, and enVision® STEM projects. All of these instructional activities are integral to helping students achieve success, and the pacing of the program reflects this.

Teachers are encouraged to spend 1 to 2 days on each of the concepts presented, 1 to 2 days for the Modeling in 3 Acts tasks.

This pacing allows for 1 to 2 days for each Topic per Topic to be spent on remediation, differentiation, or enrichment.

This pacing guide shows recommended pacing for each 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 Functions
TOPIC 9	Solving Quadratic Equations
TOPIC 10	Working with Functions
TOPIC 11	Statistics

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TOPIC 1 Solving Equations and Inequalities

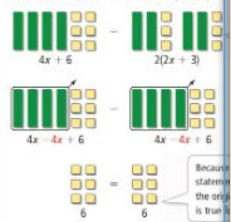
MATH BACKGROUND FOCUS

Topic 1 focuses on extending students' understanding of writing and solving equations and inequalities to include equations and inequalities that require multiple steps to solve, as well as those that have variables on both sides of the equation or inequality.

Solving Equations

Real Numbers In Lesson 1-1, students learn that the sum or product of two rational numbers is always rational. The sum or product of a rational and irrational number is always irrational except when a factor is 0. Students use this understanding to solve equations involving real numbers and graph solutions on the real number line.

Equations in One Variable In Lessons 1-2, students solve linear equations in one variable using the distributive property. Students use tools, such as algebra tiles, to solve equations that have no solution or infinitely many solutions.



Liter Equations and Formulas In Lesson 1-3, students use linear equations to model real-world problems. Students recognize that a literal equation is an equation with variables on both sides. Students solve literal equations to isolate the variable of interest.

Equations Involving Absolute Value In Lesson 1-4, students solve equations that contain absolute value. Students solve two equations, one for when the value of the absolute value is positive and one for when the value of the absolute value is negative. Students recognize that when there is not a solution, the equation is not true.

$$2|x - 17| = 18$$

$$|x - 17| = 9$$

Solving Inequalities

Inequalities in One Variable In Lesson 1-5, students use properties of inequalities to solve inequalities in one variable, including those that have no solution or all real numbers as solutions.

LESSON 1-1 Operations on Real Numbers

Lesson Overview

Objective

Students will be able to:

- 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.

Essential Understanding

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.

Previously in earlier courses, students:

- Applied the properties of operations to find sums and products of rational numbers.

In this lesson, students:

- Find sums and products of rational and irrational numbers and explain why the result is rational or irrational.

Later in this topic, students will:

- Write and solve linear equations with rational and irrational numbers, understanding that each step in the solution process follows from the equality in the previous step.

This lesson emphasizes a blend of *conceptual understanding* and *procedural skill and fluency*.

- Students explain why the sum or product of two rational numbers is rational and when the sum or product of a rational and an irrational number is irrational.

- Students use the properties of operations to find the sums and products of rational and irrational numbers.

Mathematics Overview

Students find the sums and products of two rational numbers and of rational and irrational numbers. Students explain why the sum or product of two rational numbers is rational, while the sum or product of rational and irrational numbers is irrational.

Glossary is available at SavvasRealize.com.

Vocabulary Builder

REVIEW VOCABULARY English | Spanish

- irrational numbers | número irracional
- rational number | número racional

NEW VOCABULARY

- element of a set | elementos de un conjunto
- real numbers | número real
- set | conjunto
- subset | subconjunto

VOCABULARY ACTIVITY

Introduce the terms *set*, *element of a set*, and *subset* by using the terms within the context of everyday language.

Show students a group of fruit (or a picture).

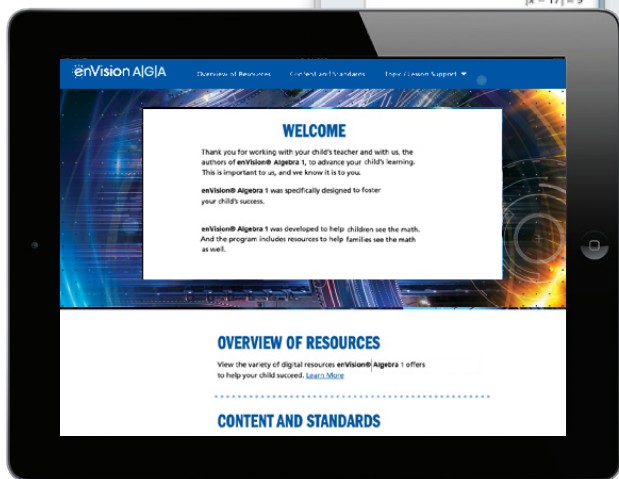
Q: How would you describe this set? [fruit]

Use the term *element of a set* to name each piece of fruit that is part of the bowl of fruit.

Q: How could you describe other sets that are subsets of the set of fruit? [Sample: apples, oranges]

Student Companion

Students can do their work for the lesson in their *Student Companion* or on Savvas Realize.



Are you wondering how to get started on Savvas Realize and use the digital resources? There are a variety of tutorials and asynchronous courses to support you as you navigate www.savvasrealize.com. You can access these tutorials and courses on [my Savvas Training](#).

Are You...

Not sure how to access Savvas Realize?



Looking for support about integrations with Schoology[®], Canvas[®], or Google Classroom[®]?



Looking for more information about Assessments and Data?



Looking for more information about Savvas Realize capabilities?



Review these Tutorials:

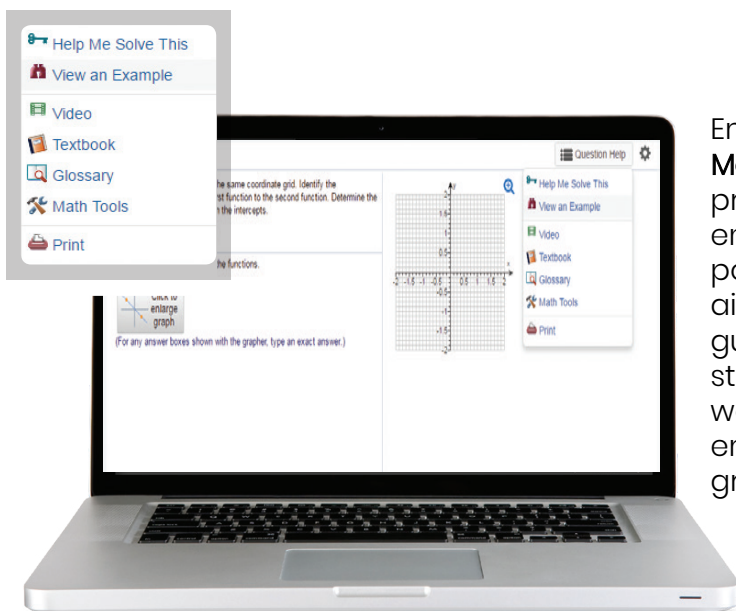
Review [EasyBridge and Savvas Realize Tutorials](#)

Asynchronous Courses for [Canvas](#) and [Schoology](#), as well as [Google Classroom Users](#)

[enVision Assessments & Reporting Tutorials](#)

[Explore Savvas Realize Asynchronous Course](#)

my SAVVAS Training



Embedded MathXL[®] for School practice and enrichment uses powerful learning aids to provide guidance to students as they work through embedded, auto-graded homework.



Daily Savvy Adaptive Practice automatically adjusts to student performance and intervenes with interactive instructional support. Savvy offers greater transparency, informing students when and why practice or support is served up.



