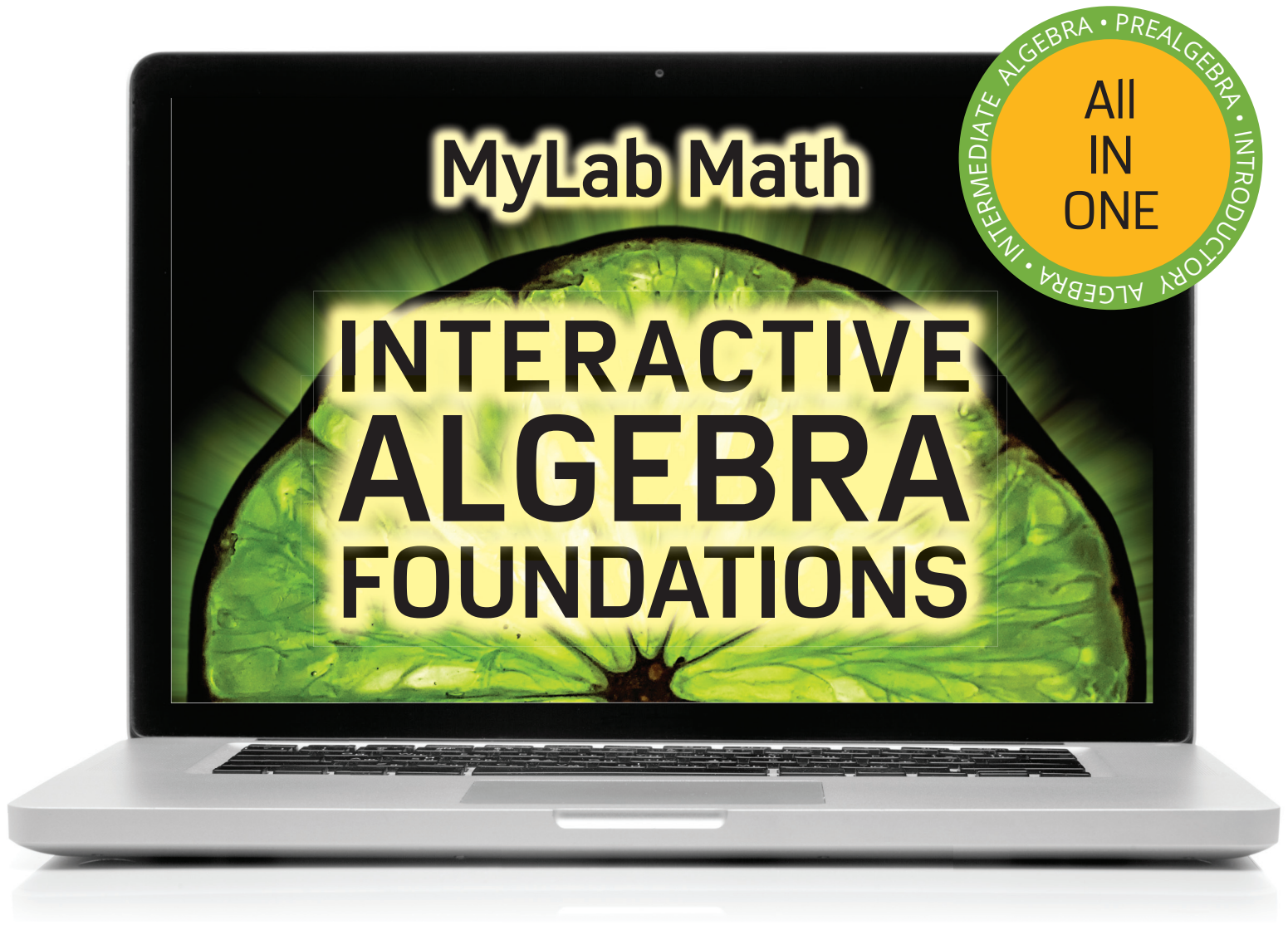


Elayn Martin-Gay

*The Martin-Gay principle:
Every student can succeed.*



Elayn Martin-Gay's student-centric approach and acclaimed video program have helped countless students achieve success in their developmental math courses.

Now, her signature support is available for students in an Interactive MyLab Math™ course.



Proven Martin-Gay Content

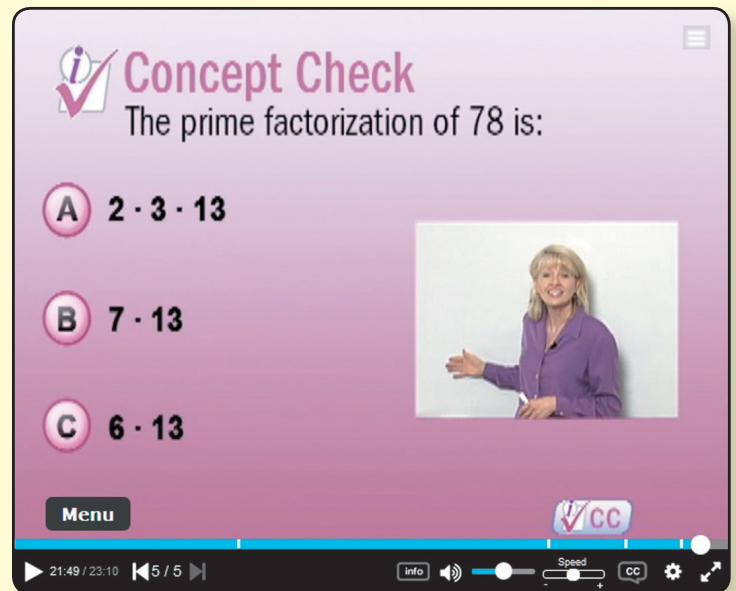


Elayn Martin-Gay firmly believes that **every student can succeed**. *Interactive Algebra Foundations* is her latest innovation that keeps student support at the forefront, with her acclaimed videos and organizational and study skills support at the center.

Early in her teaching career, Elayn developed a set of lecture videos to support as many developmental math students as possible who needed help while studying and doing homework outside of class. The videos were so popular among students that they quickly came to the attention of Pearson, who signed Elayn to author a best-selling developmental math series.

Since then, Elayn has continued developing innovations that provide the optimal amount of support for students. Signature Martin-Gay innovations include:

- **Chapter Test Prep videos** to help students in their most “teachable moment”
- **Concept Check videos** that pause for student interaction
- **Video Check exercises** that make the video lectures truly assignable
- **Organizer workbooks** that encourage good study habits beyond math computation



Everything Elayn authors is built around her unyielding focus on student success, and her commitment to helping **every student succeed**.

in an Interactive MyLab Math Course

Bringing Elayn Martin-Gay's approachable style and signature videos into this new type of MyLab course gives today's generation of learners complete support and just-in-time practice to ensure optimal retention.



So - what is an Interactive MyLab course?

In these courses Interactive Assignments are built for the way today's students learn; Elayn's trusted voice and hallmark videos are delivered as bite-size instruction for students to process more easily, while integrated, trackable assessment within the learning experience optimizes retention.



Streamlined Instruction

Cognitive load theory suggests that people can only process so much information at a time—thus, learners' attention should be focused on key elements and not overloaded with unnecessary information.



Interactive Assignments streamline instruction, often replacing written explanation with media, and present it in bite-size chunks to put in front of students what Elayn thinks they need most at the right time.

Integrated Learning and Practice

When students simply read about a subject, their ability to comprehend and remember the key takeaway is limited. Research indicates that active and constructive engagement with concepts yields a higher impact on learning than mere passive engagement alone.



We all learn best by doing. Interactive Assignments ask students to actively engage with content through integrated animations and exercises, enhancing the learning experience and increasing retention.



Experience *Interactive Algebra Foundations*

Chapter Opener Videos kick off each chapter by connecting the math students are about to learn with the real world. Follow-up **Video Check Questions** are also available for instructors to assign.

A two-step learning path for each section begins with an Interactive Assignment and is followed by a homework assignment for additional practice.

The screenshot shows the MyLab Math interface. On the left is a navigation menu with 'Section 3.1' selected. The main content area is titled 'Simplifying Algebraic Expressions' and contains two buttons: 'Learn by Interacting' and 'Check Your Understanding'. The 'Learn by Interacting' button is linked to the '3.1 Interactive Assignment', and the 'Check Your Understanding' button is linked to the 'Section 3.1 Homework'.

Learn by Interacting

The first step, the **Interactive Assignment**, asks students to learn and engage with the content before jumping right to the homework. Your Turn exercises help students get “learn by doing” practice as they go.

The screenshot shows the 'Homework: 3.1 Interactive Assignment' interface. The progress bar shows '0%' (0 points out of 9). The current objective is 'Objective C: Simplify Expressions by Multiplying and Then Combining Like Terms'. The problem asks to 'Simplify the expression' $-7(x + 5) + 5(2x + 1)$. Below the problem is a video player showing a woman pointing to a whiteboard with the following steps: $-7(x+5) + 5(2x+1)$ and $= -7x + (-7)(5) + 5(2x) + 5(1)$.

Animations ask students to manipulate concepts on-screen to reinforce topics, such as vocabulary, in a low-stakes and active way.

▲ **Videos**, using Elayn’s friendly and approachable style, often replace written explanations to deliver content to students in a easier-to-absorb manner.



Your Turn Exercises integrated throughout provide that “learn by doing” practice as students go, and reinforce the concepts and skills just-in-time. ▼

Homework: 3.1 Interactive Assignment 44% (4 points out of 9) Save

Introduction Objective A Objective B **Objective C** Objective D

Objective C: Simplify Expressions by Multiplying and Then Combining Like Terms

YOUR TURN #1

3.1.35 0 of 1 Point Question Help

Simplify the expression.

$$5y - 3(y - 3) + 3$$
$$5y - 3(y - 3) + 3 = 2y + 12$$

Nice Work! X OK

Enter your answer in the answer box and then click Check Answer.

All parts showing Clear All Check Answer

These exercises feed to the instructor gradebook, allowing you to check for student completion and understanding.

As students earn points for completing the instruction and exercises, they are more motivated to actually read and watch the content.

Check Your Understanding

The second step in the learning path asks students to check their understanding by completing a **section-level homework assignment**, providing the optimal amount of practice. Students will be well prepared, and you'll have an idea for where they stand before they dive in!

Review And Practice

At the end of each chapter students have a wealth of support in a **Review and Practice Interactive Assignment**, which includes helpful resources like Study Skills pointers, a review of the Chapter's vocabulary, Getting Ready for the Test questions with video solutions, and an abundance of Chapter Review and Test exercises with video solutions. Students will always be prepared for a test!

Homework: Chapter 3 Review and Practice 0% (0 points out of 10) Save

Introduction Study Skills **Chapter Vocabulary** Getting Ready Review Exercises Practice Chapter Test

Chapter Vocabulary

CHAPTER VOCABULARY

WORK WITH ME

Chapter 3 Vocabulary Check

Drag and drop the appropriate term into the empty blank for each vocabulary exercise.

distributive terms numerical coefficient addition simplified constant

evaluating the expression combined multiplication like algebraic expression

variable solution equation

1. An algebraic expression is _____ when all like terms have been _____.

2. Terms that are exactly the same, except that they may _____.

8. A term that is number only is called a(n) _____.

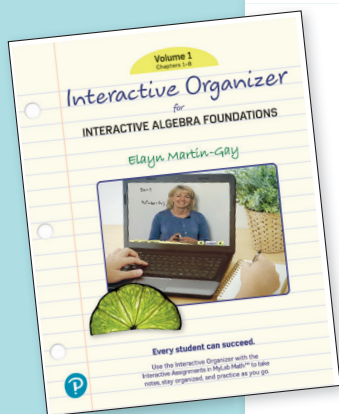
9. A(n) _____ is of the form expression = expression.

Integrate Study Skills & Mindset for Student Success

Elayn Martin-Gay believes that students often struggle not just with the math, but with oh-so-important organizational and study skills. As such, resources are built into the program to help students develop good habits.



The **Interactive Organizer Workbook** includes prompts that guide students through each Interactive Assignment, with space for students to take notes and work problems as they go.



Interactive Organizer for *Algebra Foundations*, Elayn Martin-Gay

Section 3.1

Section 3.1 Simplifying Algebraic Expressions

Objectives

- A Use Properties of Numbers to Combine Like Terms
- B Use Properties of Numbers to Multiply Expressions
- C Simplify Expressions by Multiplying and Then Combining Like Terms
- D Find the Perimeter and Area of Figures

Directions: Complete your Interactive Organizer by filling in the blanks and solving exercises as you complete each screen of the Interactive Assignment.

- For **WORK WITH ME** exercises, follow along and write each step needed and shown to solve, including the final answer.
- For **YOUR TURN** exercises, write the exercise generated for you in MyLab Math, then “show your work” by writing each step needed to solve, including the final answer.

Elayn Martin-Gay believes a student’s mindset is another important factor to success. A **Student Success** module in the course includes new material on Mindset (blue/bold “Mindset”) that encourages students to maintain a positive attitude about their capacity to learn.



A **Print Reference** is also available for students (or instructors) who would like a full “traditional” textbook to accompany the Interactive Assignments in MyLab Math. *Algebra Foundations*, Second Edition contains complete written exposition for all objectives in the course beyond the streamlined content in the Interactive course.

Both the Interactive Organizer and the Print Reference are unbound, and available in three volumes that are easy for students to manage.

Making *Interactive Algebra Foundations* Work for Your Course

Interactive Algebra Foundations provides three courses worth of content—Prealgebra, Introductory Algebra, and Intermediate Algebra—in one seamless MyLab Math course. You can pick and choose what content you need for the course material you need to cover.

Chapter 1	The Whole Numbers	Chapter 11	Solving Systems of Linear Equations
Chapter 2	Integers and Introduction to Solving Equations	Chapter 12	Exponents and Polynomials
Chapter 3	Solving Equations and Problem Solving	Chapter 13	Factoring Polynomials
Chapter 4	Fractions and Mixed Numbers	Chapter 14	Rational Expressions
Chapter 5	Decimals	Chapter 15	More on Functions and Graphs
Chapter 6	Ratio, Proportion, and Percent	Chapter 16	Inequalities and Absolute Value
Chapter 7	Graphs, Triangle Applications, and Introduction to Statistics and Probability	Chapter 17	Rational Exponents, Radicals, and Complex Numbers
Chapter 8	Geometry and Measurement	Chapter 18	Quadratic Equations and Functions
Chapter 9	Equations, Inequalities, and Problem Solving	Chapter 19	Exponential and Logarithmic Functions
Chapter 10	Graphing	Chapter 20	Conic Sections
		Chapter 21	Sequence, Series, and the Binomial Theorem

Tailor the MyLab to your students' needs, and to your course's set-up.

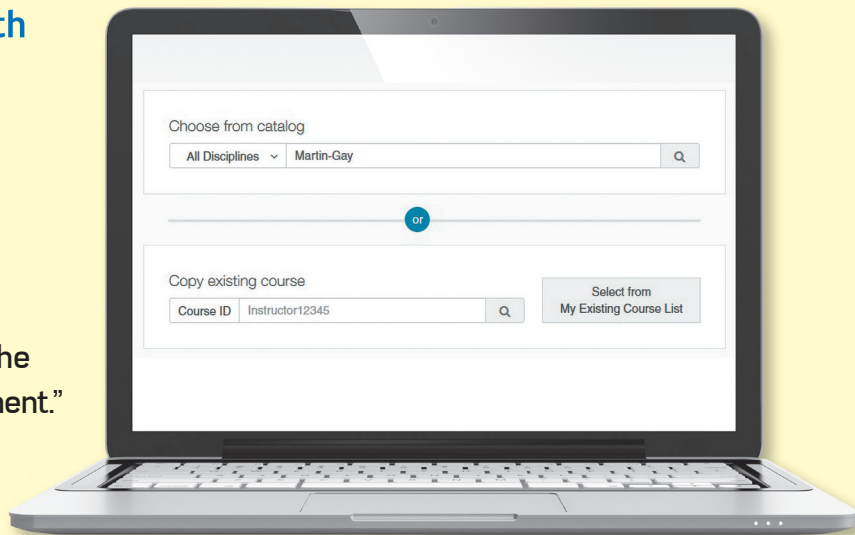
- Interactive MyLab courses can work for *any* course format—face-to-face, flipped, lab-based, online, and hybrid!
- All premade assignments can be completely modified, giving you complete control over your course.
- Turn sections and objectives on and off in the course so students see only the content your course covers. You can use the entire course for a whole sequence, or just a subset of chapters for one course.
- Students need only pay for the content they need—MyLab access can be purchased in Life of the Edition, 18-week-or 12-week access lengths.
- The printed supplements are available in three easy-to-manage volumes so that students can purchase just the content they need, or take just what they need to class.



Want to check out *Interactive Algebra Foundations* for yourself?

- Go to www.pearson.com/mylab/math
- If you have a MyLab account, sign in and click “**Create/Copy Course**”
- Search for “**Martin-Gay Interactive Algebra Foundations**”
- Select and Create the course

Start exploring the course by navigating on the left-hand side to “Start Your Interactive Assignment.” On each section’s landing page you’ll see the two-step learning path, which begins with the Interactive Assignment.



Need MyLab Math access? Request access on the MyLab Math site under Register.

TEACHING Toolkit Checklist

We know that implementing new materials can be time-consuming—we’re here to help. Take advantage of the resources available to you (and your students) to spend less time prepping your course, and more time focusing on your students.

Printed Support

- Interactive Organizer workbook: 3 Volumes
- Print Reference: Complete *Algebra Foundations*, 2/e textbook in 3 Volumes

Resources for Instructors

- Interactive Organizer Answers
- TestGen® Computerized Test Bank
- Premade and pre-assigned homework assignments
- Premade sample quizzes and tests

Resources for Students and Instructors

- PowerPoint Slides
- Full video program includes example and objective level videos, Chapter Opener videos with assessment, Concept Checks, and Getting Ready for the Test videos.



Learn more at www.pearson.com



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