



Algebra Readiness

Give students a full-year comprehensive curriculum for the fundamentals of Algebra I

- Explicit instruction with a variety of activities and strategies to introduce concepts, and build skills and understanding
- Assessment options to evaluate student proficiency and inform instruction
- Wide variety of teaching tools, including electronic tools and online support

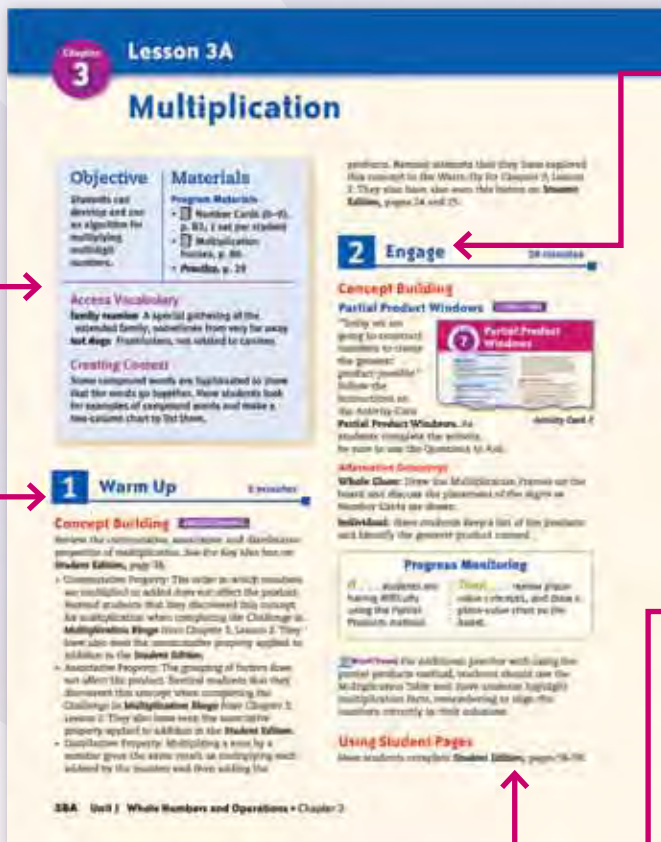
Teach students the foundational skills and concepts needed for success in Algebra I

SRA Algebra Readiness helps you teach concepts introduced as early as Grade 2 through Algebra I to ensure students are brought to mastery of pre-algebra skills and concepts. **Algebra Readiness** bolsters development to ensure fluency in basic skills. These fluencies are intended to show prerequisite skills development needed for success in any algebra program.

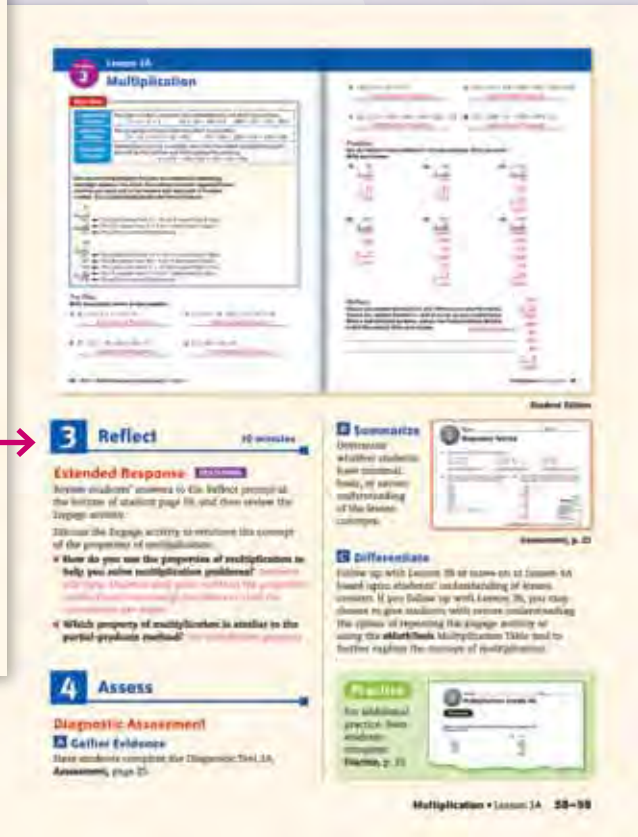
Consistent lesson structure for effective instruction

Lesson Planner helps teachers prepare with:

- Objectives to focus instruction
- Academic Vocabulary and Access Vocabulary highlighting terms students may not know
- Creating context suggestions for Access Vocabulary



Engage is the core of lesson instruction. It provides instruction models, hands-on activities, discussion, and strategy-building exercises to offer a variety of ways for students to learn lesson concepts.



Warm Up provides cumulative review and computation practice.

Using Student Pages provides a review of instruction in the Engage section. Progress Monitoring and remediation suggestions are provided for teachers to use after students complete pages.

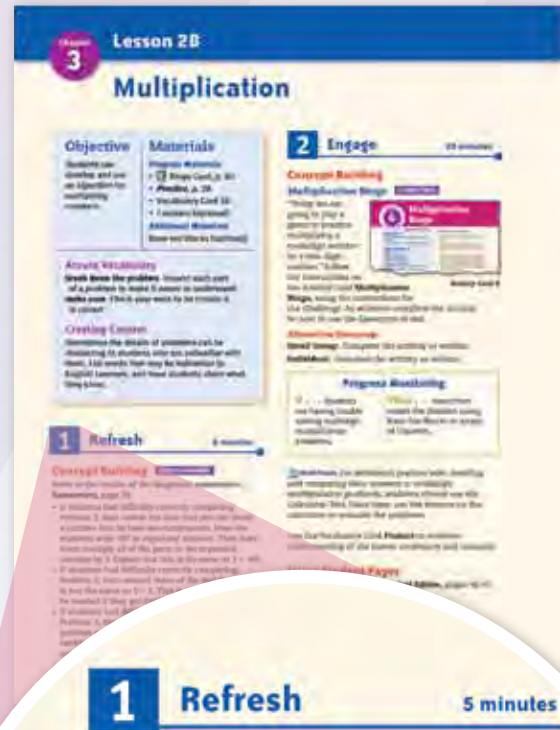
Reflect allows students to summarize and apply lesson concepts and teachers to informally assess student understanding.

Lesson 3A

Each chapter also includes a **Problem-Solving Lesson** that teaches problem-solving strategies and processes, and a **Review Lesson** for you to refresh student understanding and provide an opportunity for formal assessment of students' progress.

Unique lesson structure provides two versions to address student needs

Every lesson in ***SRA Algebra Readiness*** has two versions: A and B. If students grasp the concept using the A version, they can move on to the next lesson. But if they are struggling, the B version offers a reintroduction and further development and practice, ensuring that teachers have resources to address student needs.



1 Warm Up 5 minutes

Concept Building UNDERSTANDING

Have students use base-ten blocks to model multidigit multiplication problems. Encourage students to break problems into smaller parts when necessary. See the Key Idea box on ***Student Edition***, page 54. Have students progress to solving similar problems without manipulatives, using the standard algorithm for multiplication. Ask the following questions to build student understanding.

- How are multidigit multiplication problems, such as 45×12 , different from basic multiplication facts? The products are greater; there are more opportunities to break down the problems into smaller parts.
- How might you break down the problem 45×12 ? Sample answer: Multiply 45 by 10 and 45 by 2.

Lesson 2A

1 Refresh 5 minutes

Concept Building UNDERSTANDING

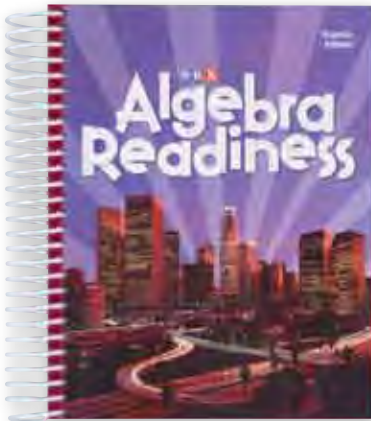
Refer to the results of the diagnostic assessment, ***Assessment***, page 24.

- If students had difficulty correctly completing Problem 1, then review the idea that you can break a number into its base-ten components. Have the students write 365 in expanded notation. Then have them multiply all of the parts in the expanded notation by 3. Explain that this is the same as 3×365 .
- If students had difficulty correctly completing Problem 2, then remind them of the fact that 30×5 is not the same as 3×5 . This is especially likely to be needed if they got Problem 1 correct.
- If students had difficulty correctly completing Problem 3, then students may need to rewrite the problem as $(100 + 10 + 3) \times 11$. This is especially useful to students who are proficient at breaking numbers into their base-ten components.

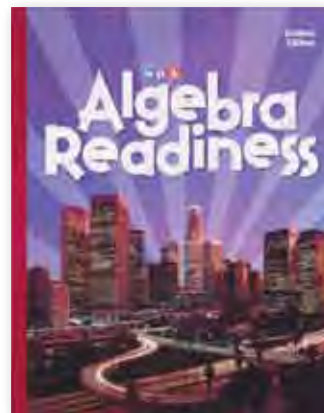
Lesson 2B

Comprehensive selection of components provides flexibility

A comprehensive array of components in **SRA Algebra Readiness** covers instruction, review, and practice, providing you with the tools to meet each student's individual needs, including English-language learners.



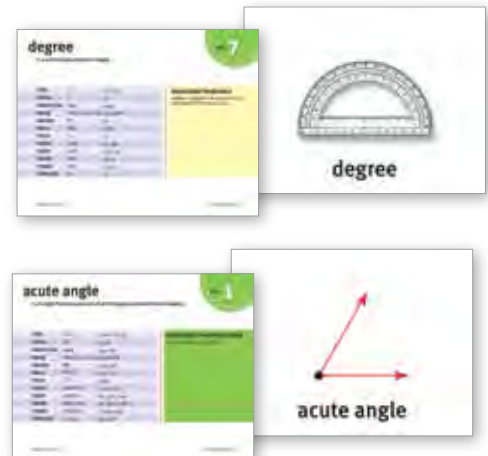
Teacher Edition provides comprehensive, specific, research-based background and strategies to assist teachers in all aspects of instruction. Diagnostic Assessments in every lesson enable teachers to rebuild foundational content as needed.



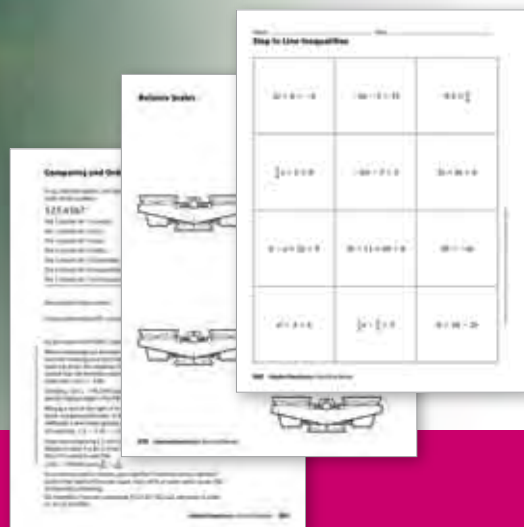
Student Edition provides practice for all concepts, including problem-solving lessons to develop skills in real-world applications. The consumable format includes ample space for students to demonstrate understanding.



Activity Cards provide explicit instructions on how to introduce, demonstrate, practice, and assess concepts using pictorial and concrete models and effective questioning techniques.



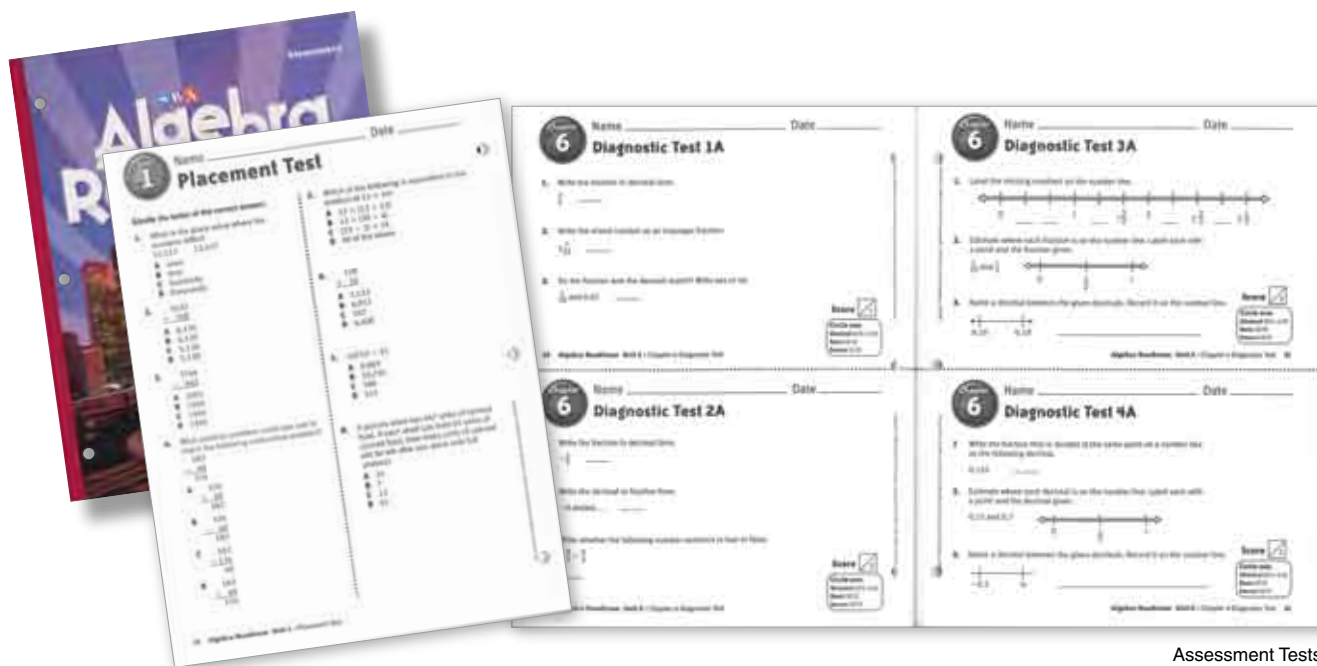
Vocabulary Cards introduce and reinforce key mathematical terms, presenting both visuals and definitions to facilitate comprehension and retention. Academic vocabulary is presented in multiple languages with visuals and definitions.



Practice Blackline Masters provide extra practice or homework for each lesson, reinforcing concepts and problem-solving skills while helping to build a secure understanding.

Formal and informal assessment tools inform instruction

SRA Algebra Readiness includes a complete assessment system with a wide range of assessment tools, allowing teachers to develop an immediate and comprehensive picture of each student's mathematical proficiency.



Assessment Tests

Assessments include:

Entry Level assessments determine if students possess prerequisite skills and knowledge of the material to be taught.

Progress Monitoring assessments show if students are progressing adequately toward standards.

- Formal assessments include Diagnostic Tests and Chapter Tests.
- Informal assessments include Guided Discussion, Problem Solving, Extended Response, Student Pages, Warm Up, and Practice Exercises.

Summative Evaluations determine if students have achieved the goals of a specific standard or group of standards.

- Formal assessments include Unit Tests.
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To ensure instruction and assessment are linked, every week ends with a three-part assessment routine that helps teachers determine each student's progress.

Gather Evidence provides diagnostic assessments to determine if students are ready for the next lesson or if they need the immediate remediation in the alternate lesson on the same topic.

Summarize Findings provides instructions to help teachers summarize the data they gather.

Differentiate Instruction provides activities and strategies to address the needs of individual students based on teacher assessments and provided rubrics.

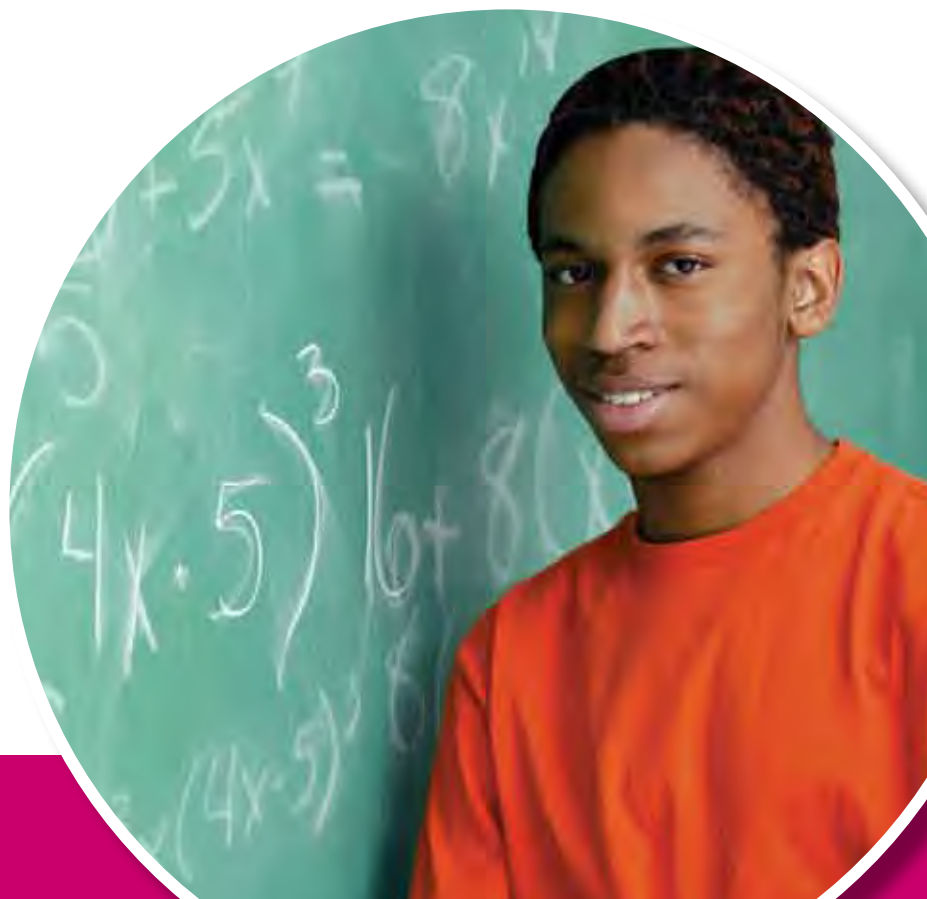
Manipulative Kits engage students in learning



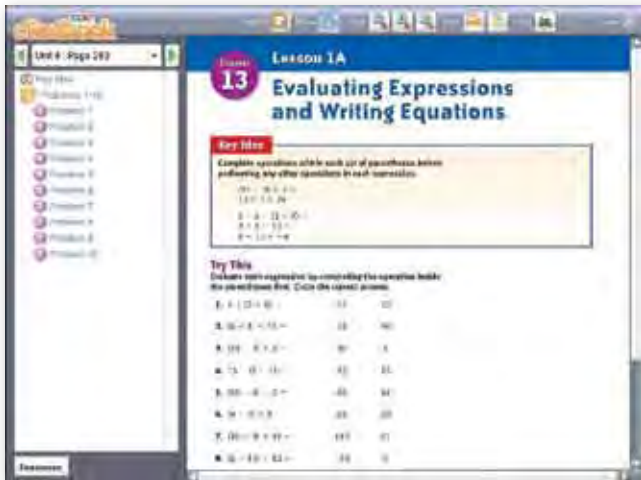
Manipulative Kits actively engage students, supporting concept development and enhancing both student learning and teacher instruction.



English Learners Support Guide provides strategies for developing academic vocabulary focused on mathematical terms for English-language learners.



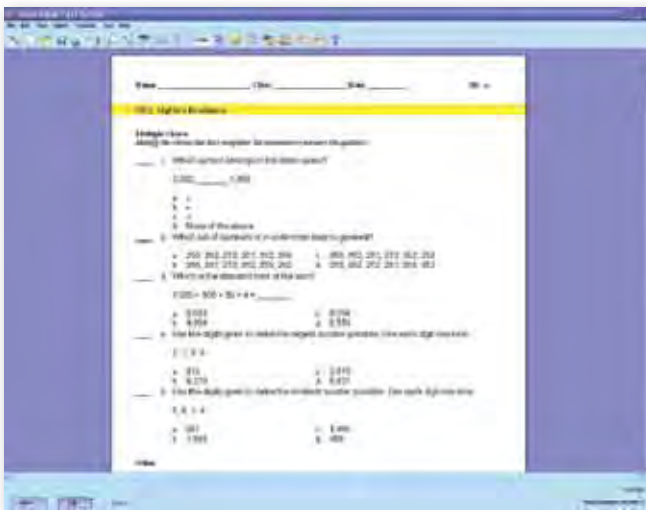
Technology tools provide new learning opportunities



eTextbook provides students with an electronic version of the Student Edition, allowing them to access materials outside the classroom.



eMathTools contains nearly 30 multilevel, interactive electronic manipulatives and tools that help teachers demonstrate and students explore key math concepts.



eAssess provides an electronic test generator and recording/reporting tool that can be used for all assessments, including tests correlated to state standards.



Professional Development for comprehensive teacher support

Professional Development provides electronic courses to support mathematics instruction. Video interviews with math experts illustrate useful teaching techniques for beginning and experienced teachers.

Yes, I want to learn more
about SRA Algebra Readiness!



___ Please send me more information on
SRA Algebra Readiness.

___ I would like a personal presentation
of ***SRA Algebra Readiness.***
The best time to contact me is _____.

___ Please send me an SRA catalog.

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Help Middle School students build
a strong foundation in fundamental
concepts to prepare them for
grade-level work in Algebra I.



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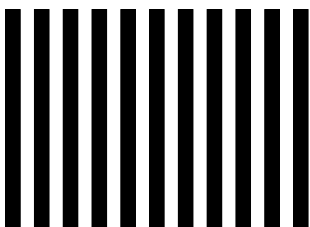
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**Algebra
Readiness**

For resources and ordering information visit
SRAonline.com or call 1-800-201-7103.



Algebra Readiness

Unlike other programs, **SRA Algebra Readiness** begins by developing the foundational concepts in number sense, basic skills, and rational numbers. This includes fractions, decimals, and percents that underlie algebraic understanding. With the completion of **Algebra Readiness**, students who previously have not been successful in mathematics will have mastered the foundational skills and pre-algebraic concepts needed for any Algebra I course.

Algebra Readiness units include:

- Whole Numbers and Operations
- Rational Numbers
- Operations on Rational Numbers
- Symbolic Notation/Equations and Functions
- The Coordinate Plane and Graphing
- Algebra



Making the Difference™

1-800-201-7103

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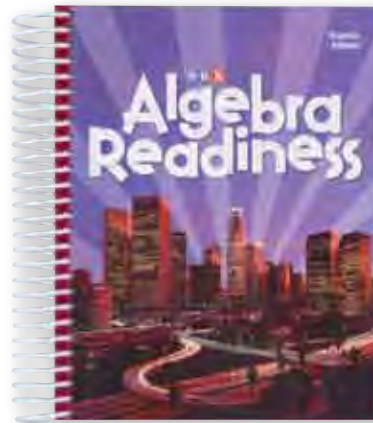
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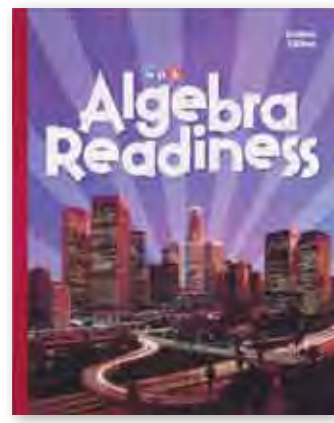
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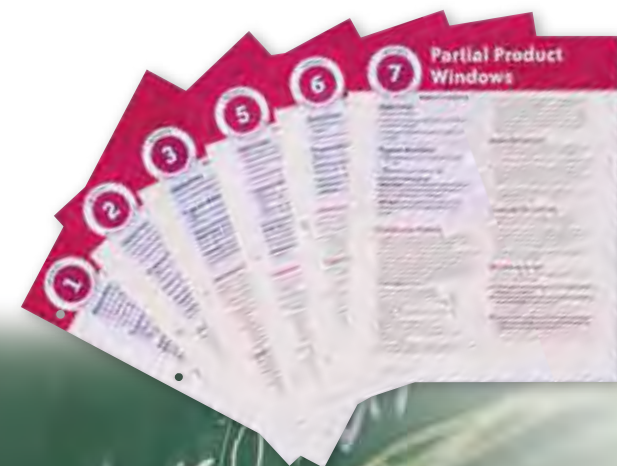
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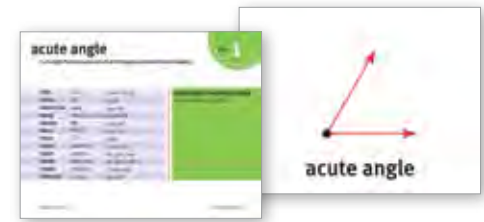
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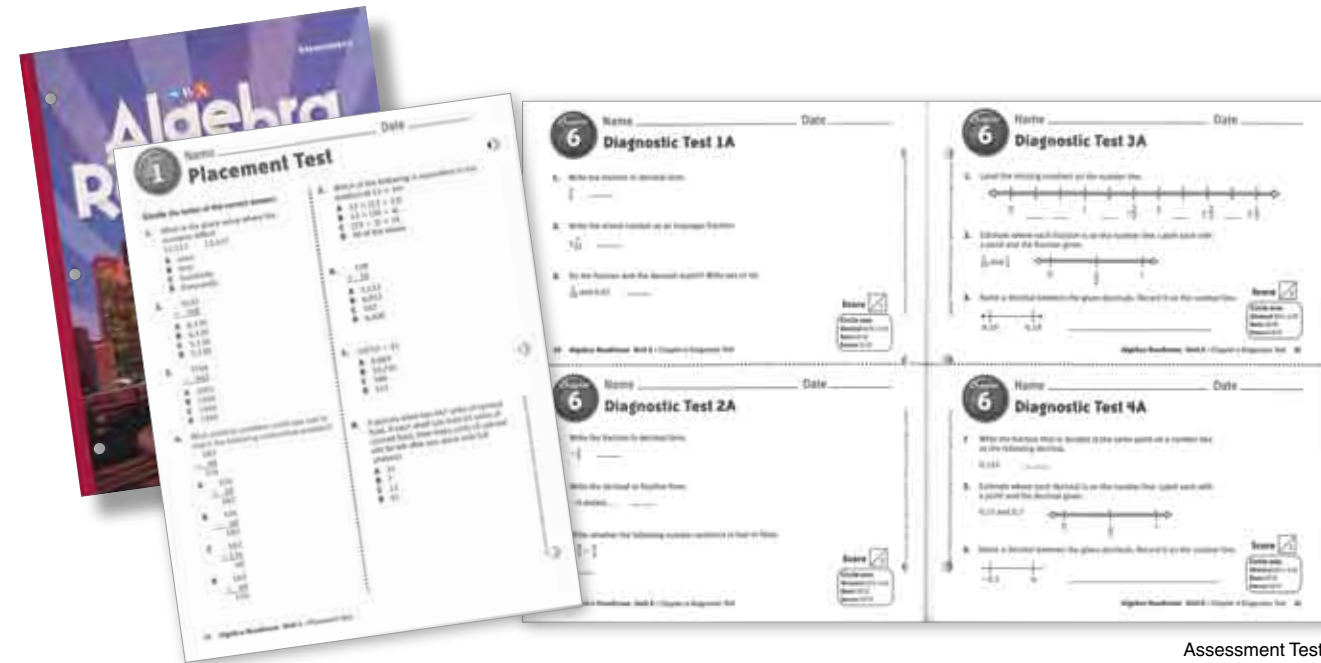
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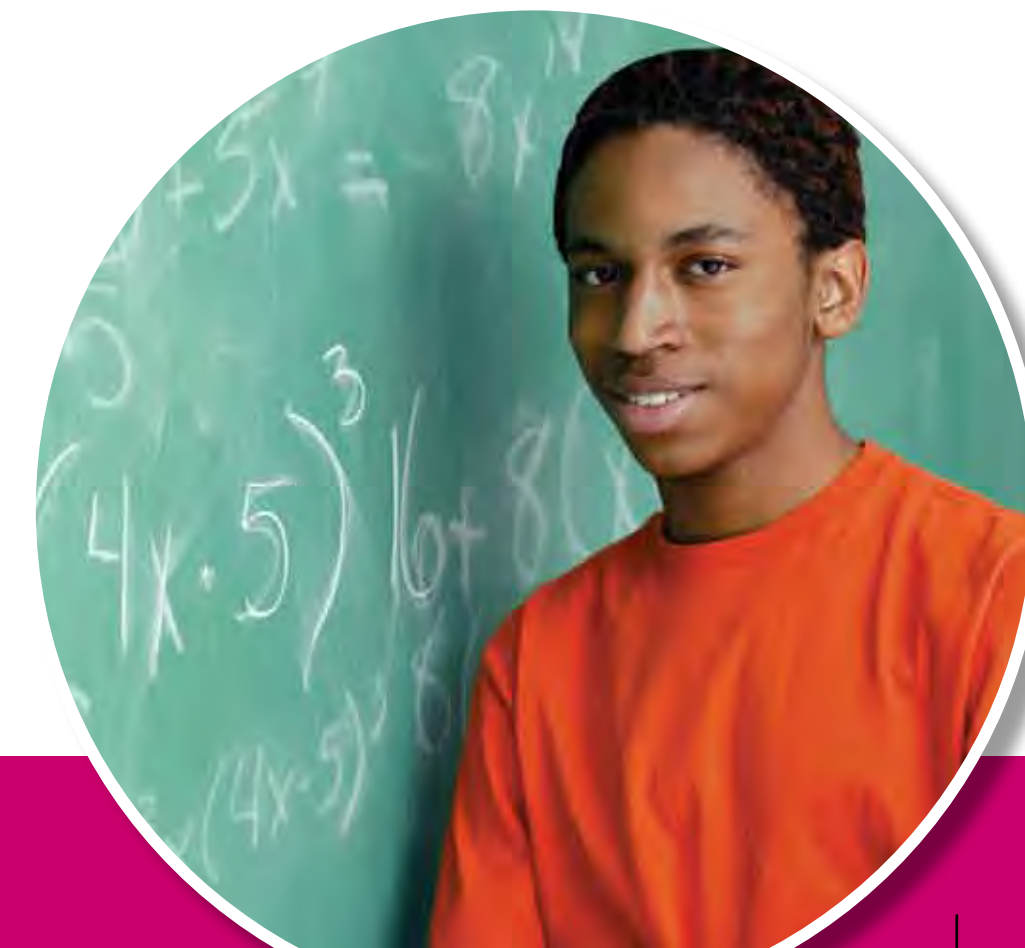
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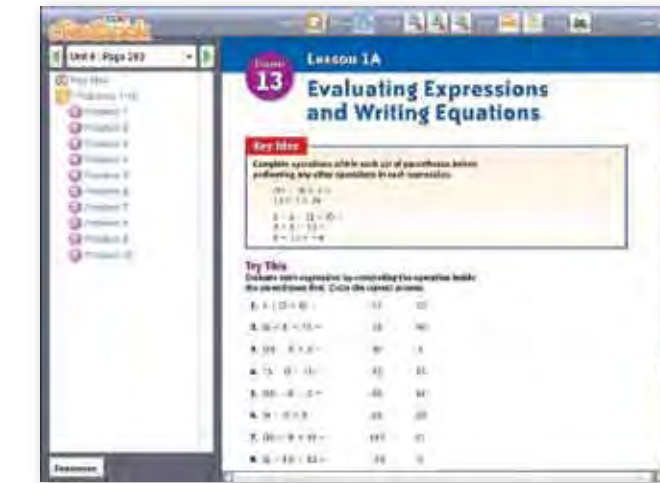
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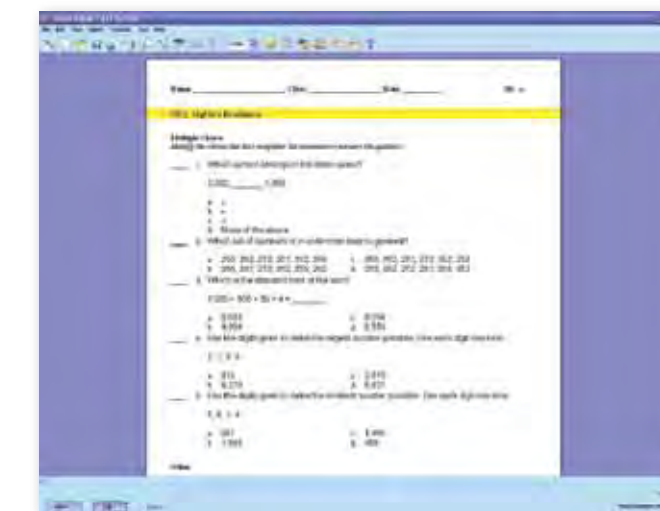
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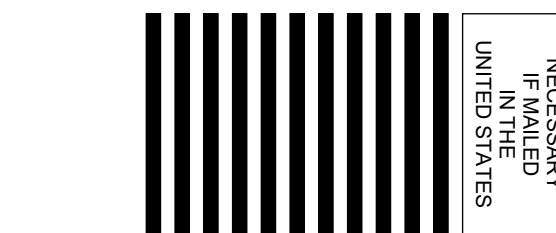


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