MathXL® for School

Teacher Training Series

MathXL® for School Overview

What is *MathXL® for School*?

MathXL® for School by Pearson Education is a comprehensive set of online instructional tools that mathematics teachers from all over the United States, Canada and abroad are using to enhance the learning experience of students from arithmetic through calculus, statistics, and other advanced math topics.

How *MathXL® for School* Works

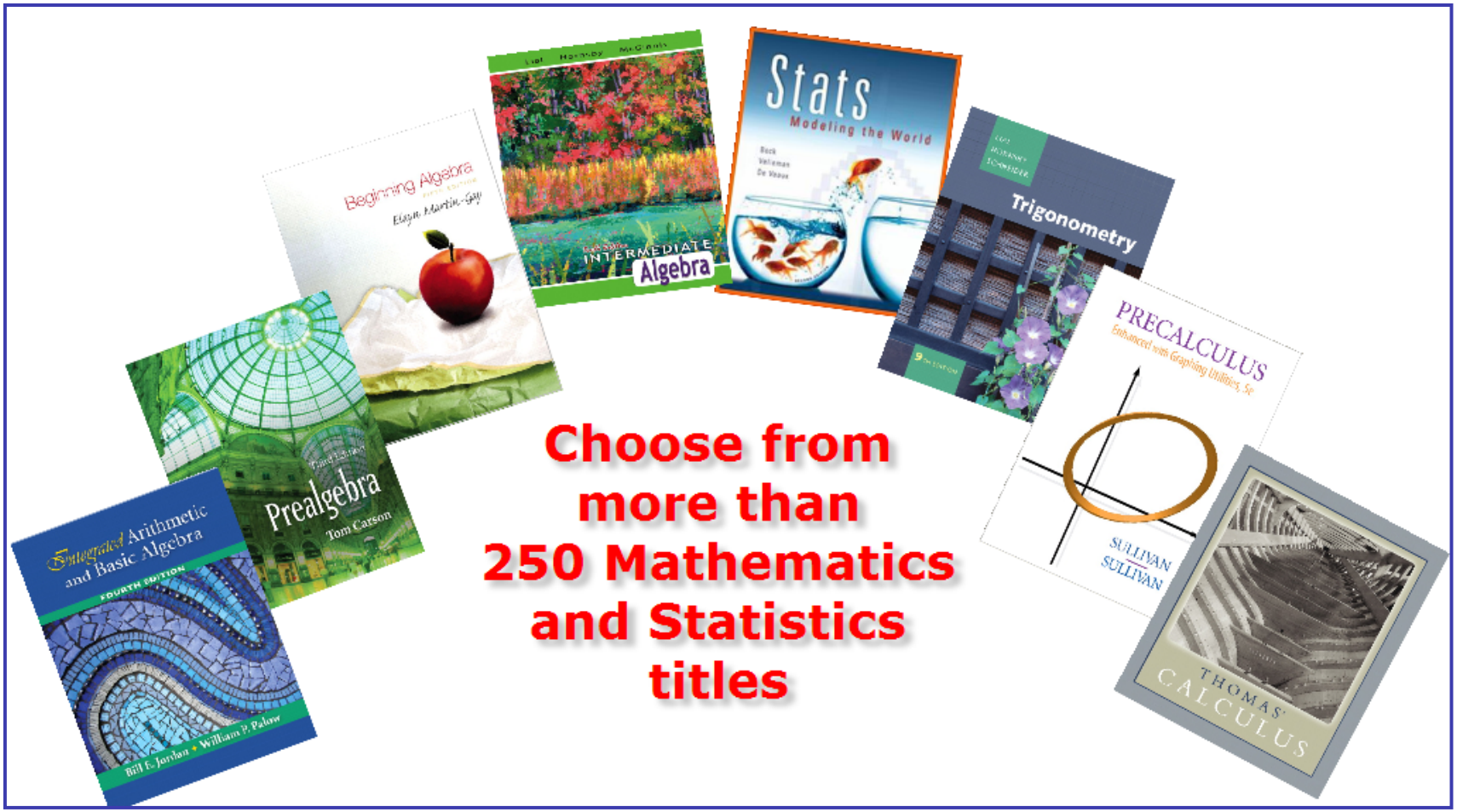
- A Pearson math title is chosen based on the curriculum needs of the school.
- Teachers register (one time) as a *MathXL® for School* user and then request their course materials based on the chosen title.
- Students register (one time) and enroll in the course created by their instructor for their class.
- *MathXL® for School* is designed to deliver the content and learning aids necessary to help students achieve mastery of specified Course Learning Outcomes as determined by a school's specific curriculum.

How You Can Use *MathXL® for School*

- Simplest Application: Create a course based on the chosen title, selecting only the desired Learning Outcomes; use the auto-created Study Plan to allow students to practice the chosen outcomes while having access to a broad array of rich multi-media content and learning aids; retrieve and track student performance data using the gradebook.

- Customized Application: Choose any or all of these: Instructor created class specific assignments including homework, quizzes, or tests; customized algorithmic or static exercises; complete online gradebook, including adding scores for offline assignments.

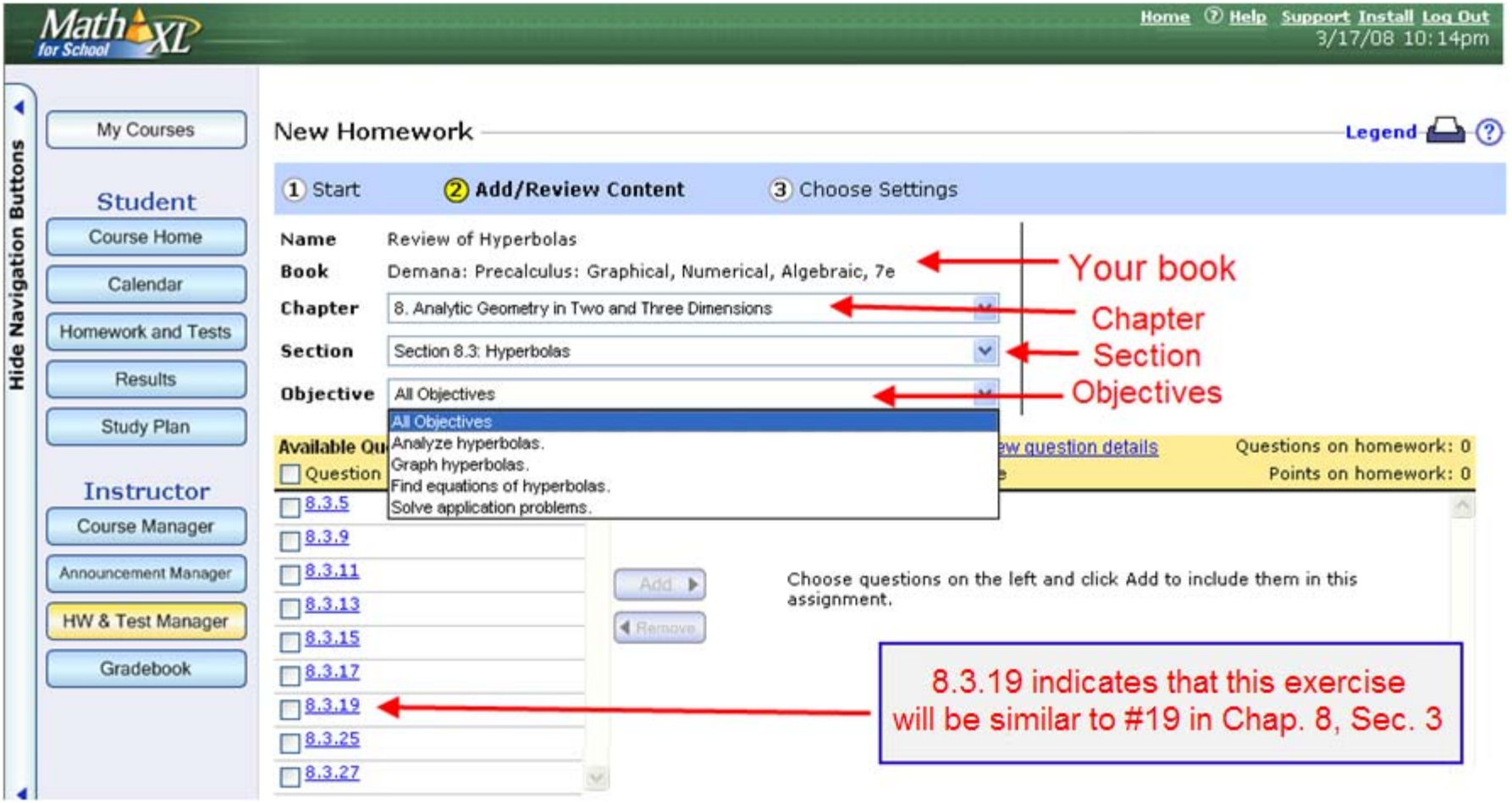
A Title for All Needs



Objective Based Learning

- All titles come with generous question banks based on all learning objectives of the book selected.
- Teachers choose items to be included on homework, quizzes, or tests.
- Questions are algorithmically generated and may be assigned multiple times to create even more items per objective.

Easy Creation of Objective Driven Assignments



Modes of *MathXL® for School*

MathXL® for School Learning Mode

Assignments Categorized as Homework

- Not timed since some students may need more or less time depending on their mathematical background and need to access learning aids.

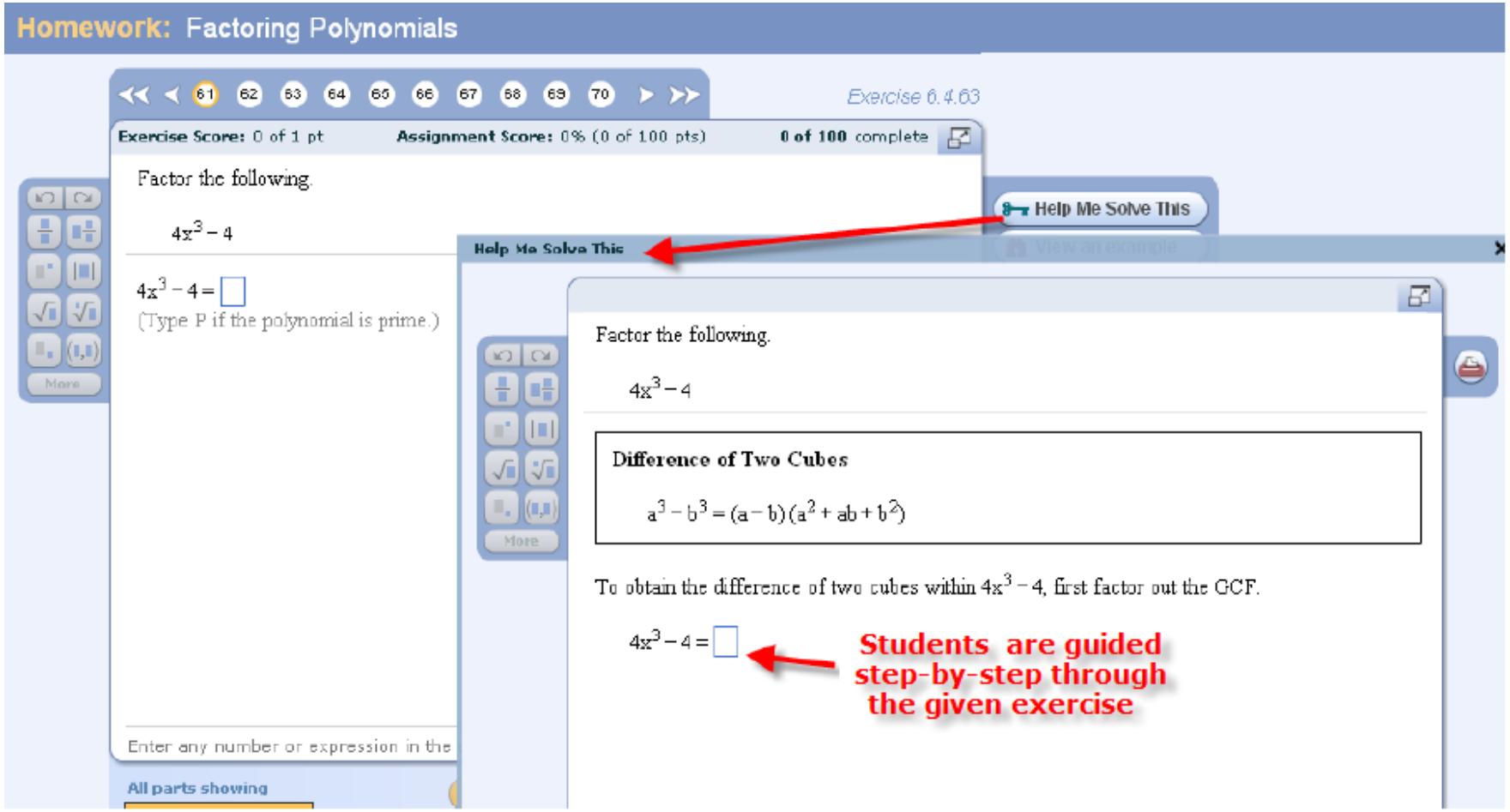
- May be entered and exited as often as necessary during the assigned time period as determined by the instructor. Work completed is saved each time. Students can re-enter to finish incomplete items.

- Students have access to multiple learning aids as selected by the teacher.

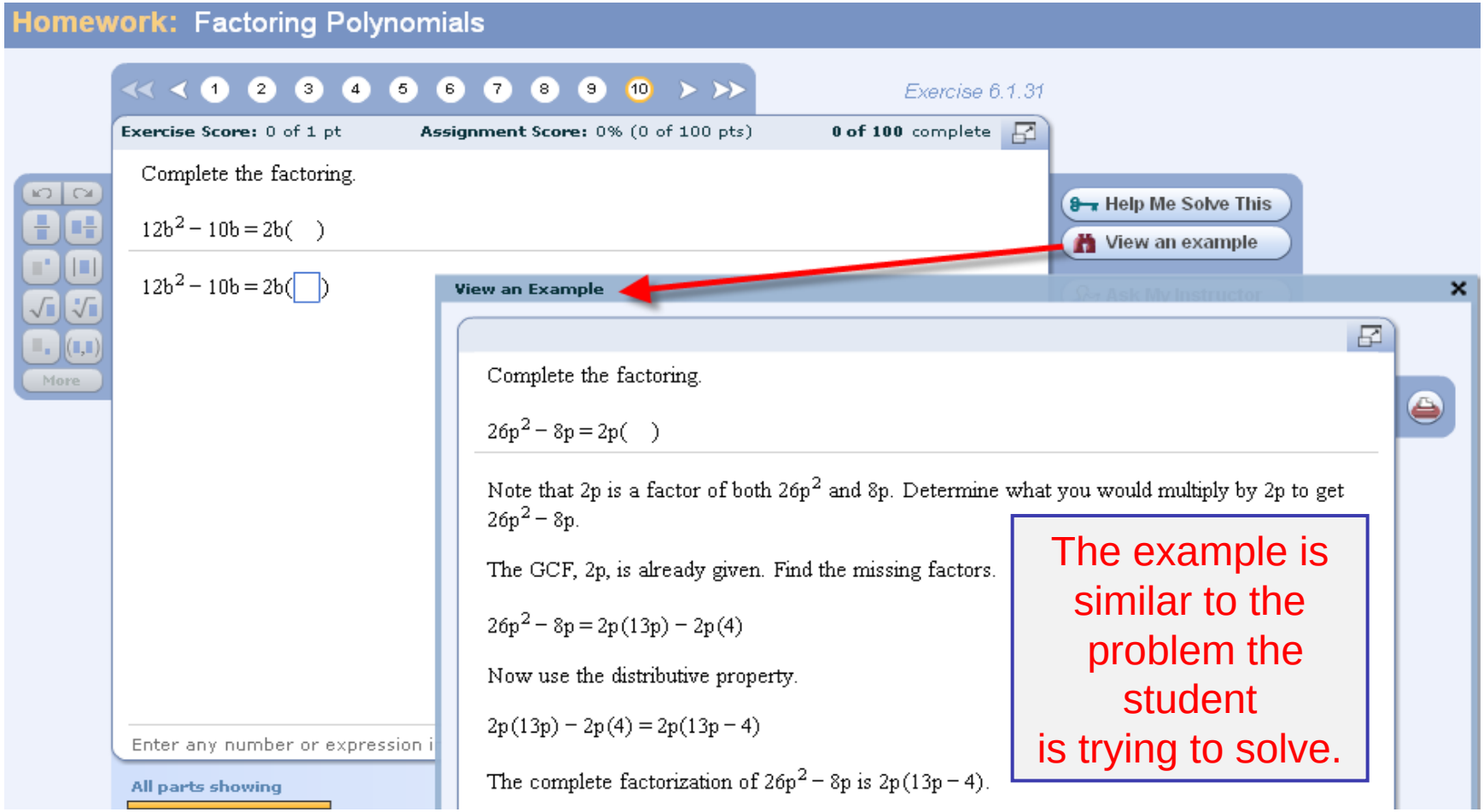
- Study Plan can also be used for Learning/Practicing Course Objectives.

Learning Aids in *MathXL® for School*

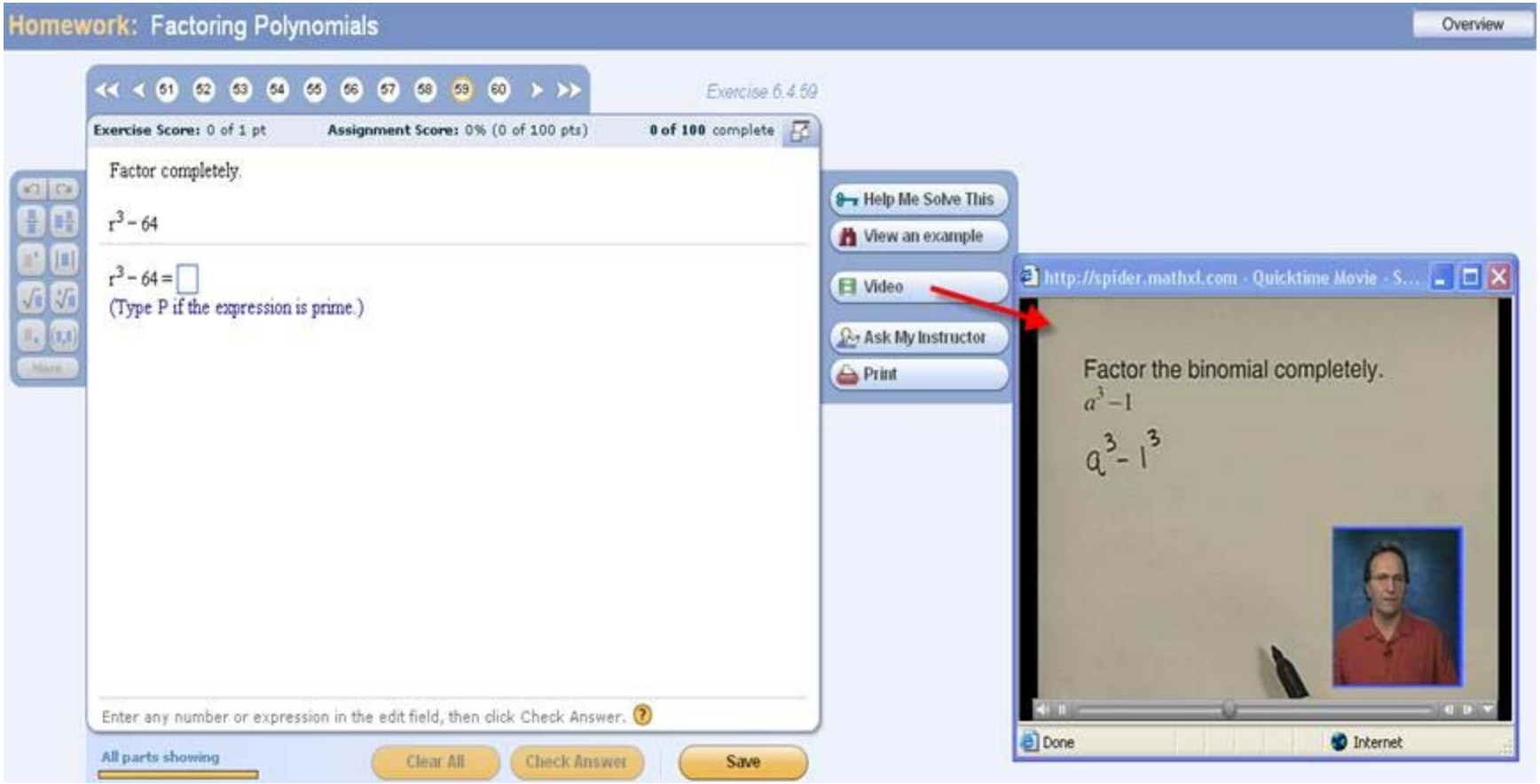
Help Me Solve This



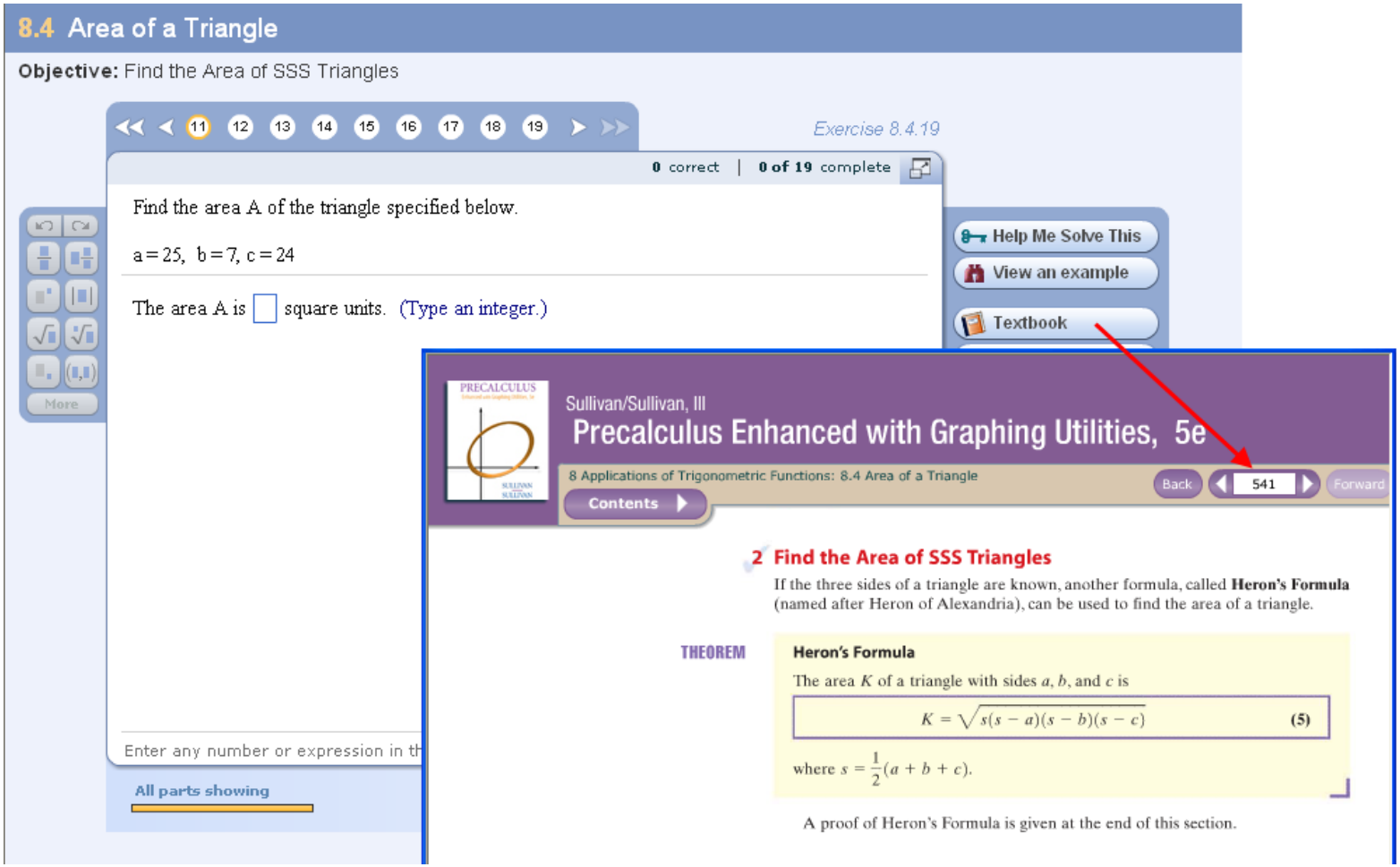
View An Example



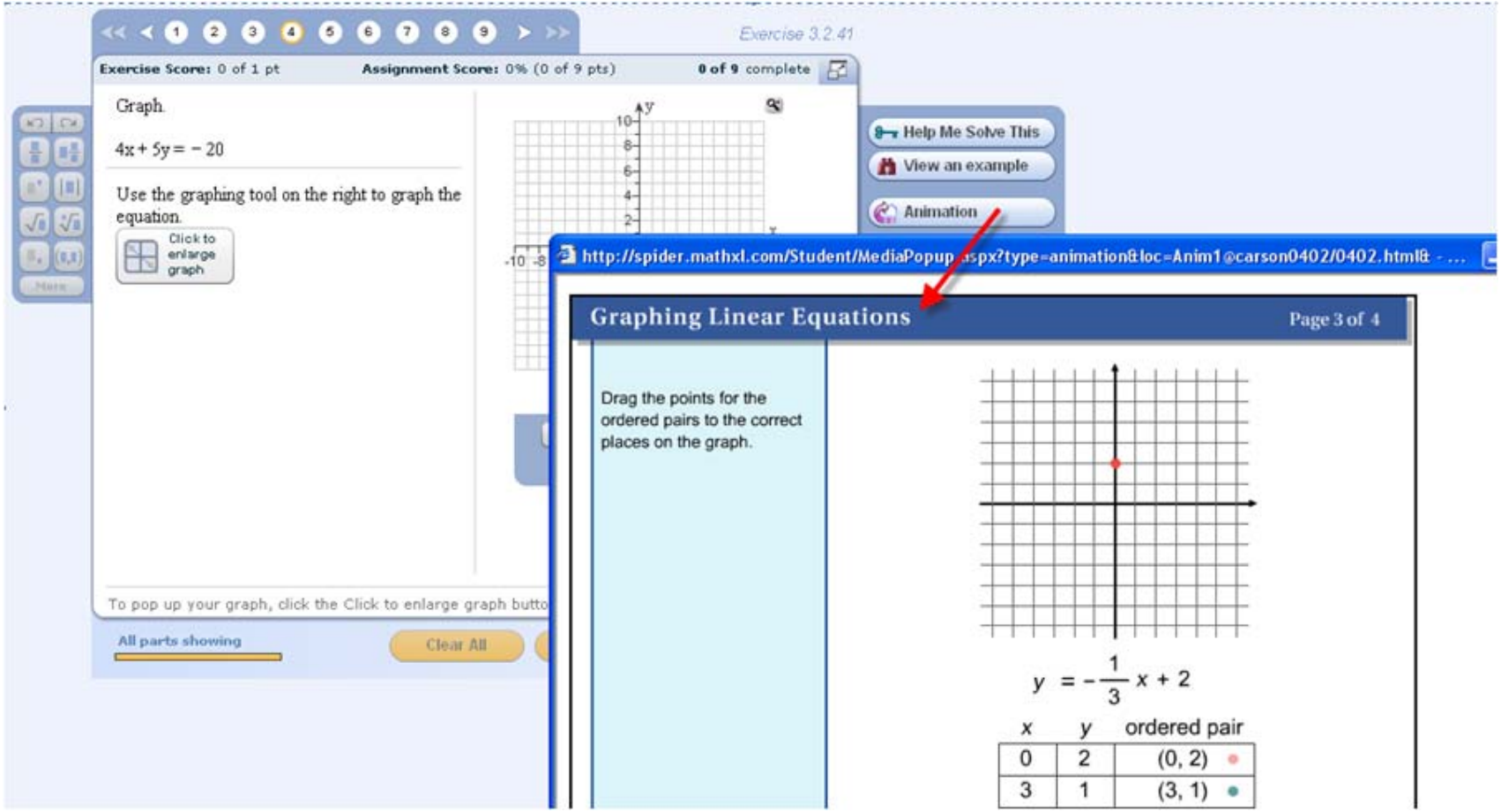
Video Tutorial Assistance



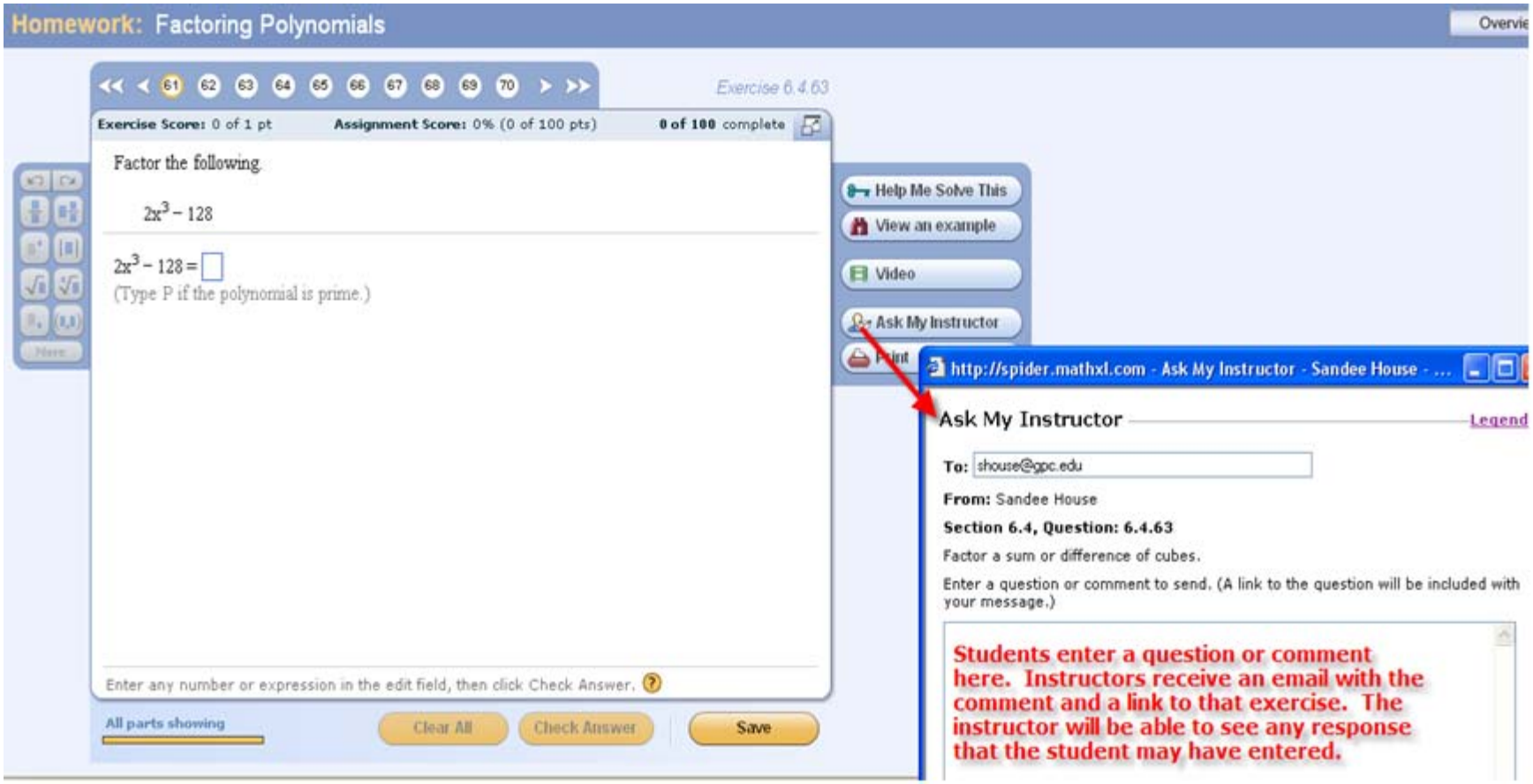
Links to Textbook Pages



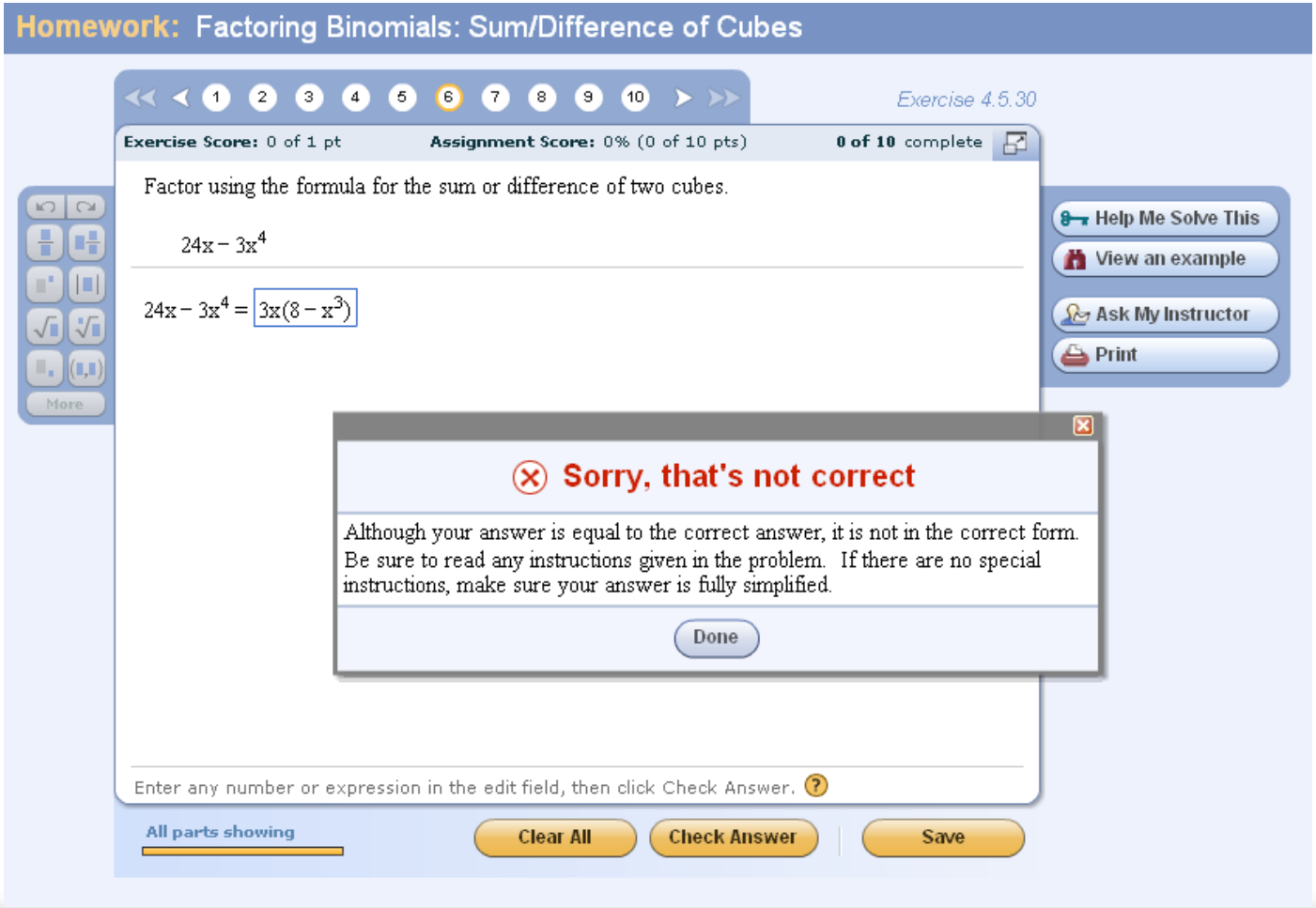
Interactive Animations



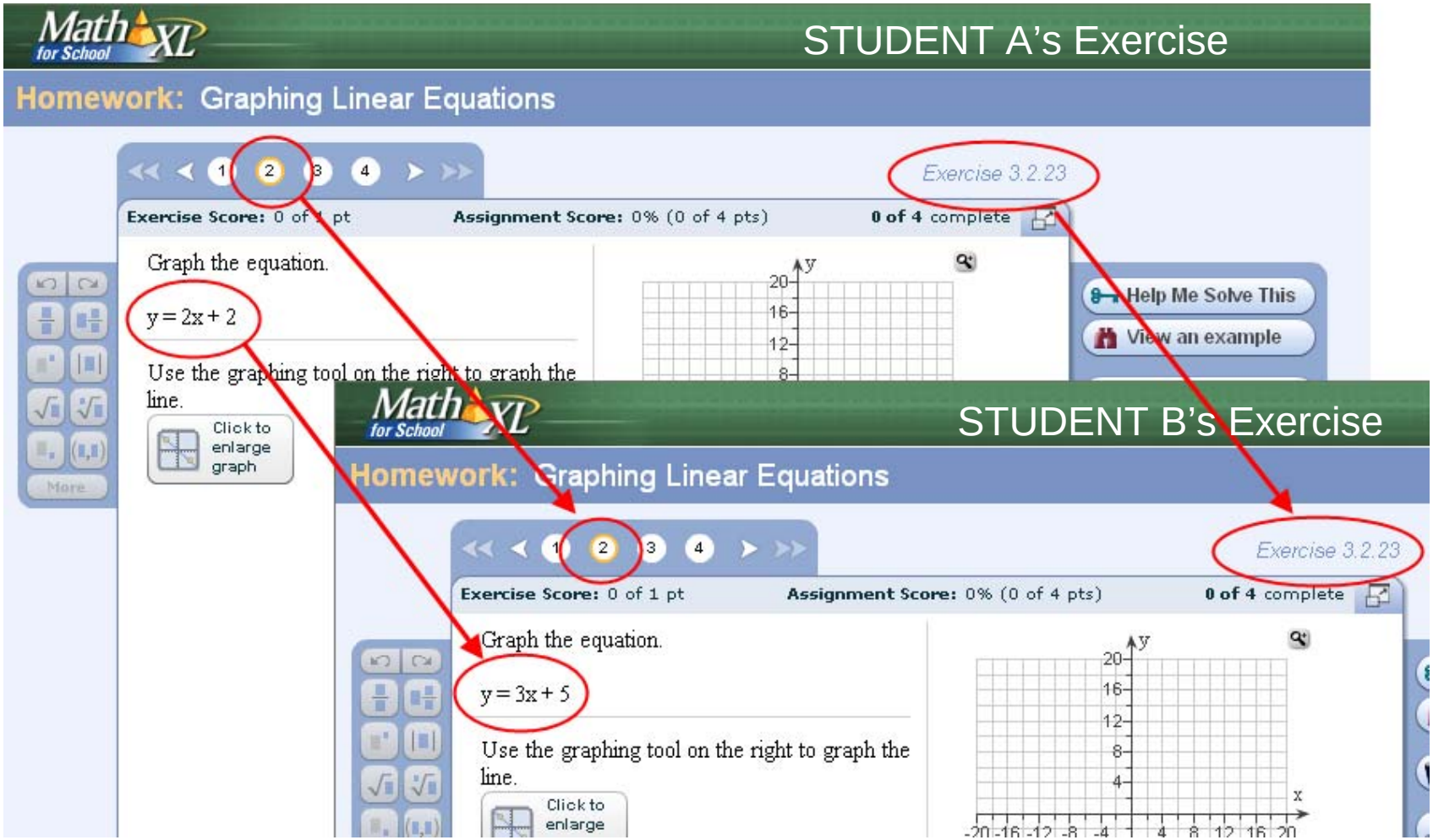
Ask My Instructor



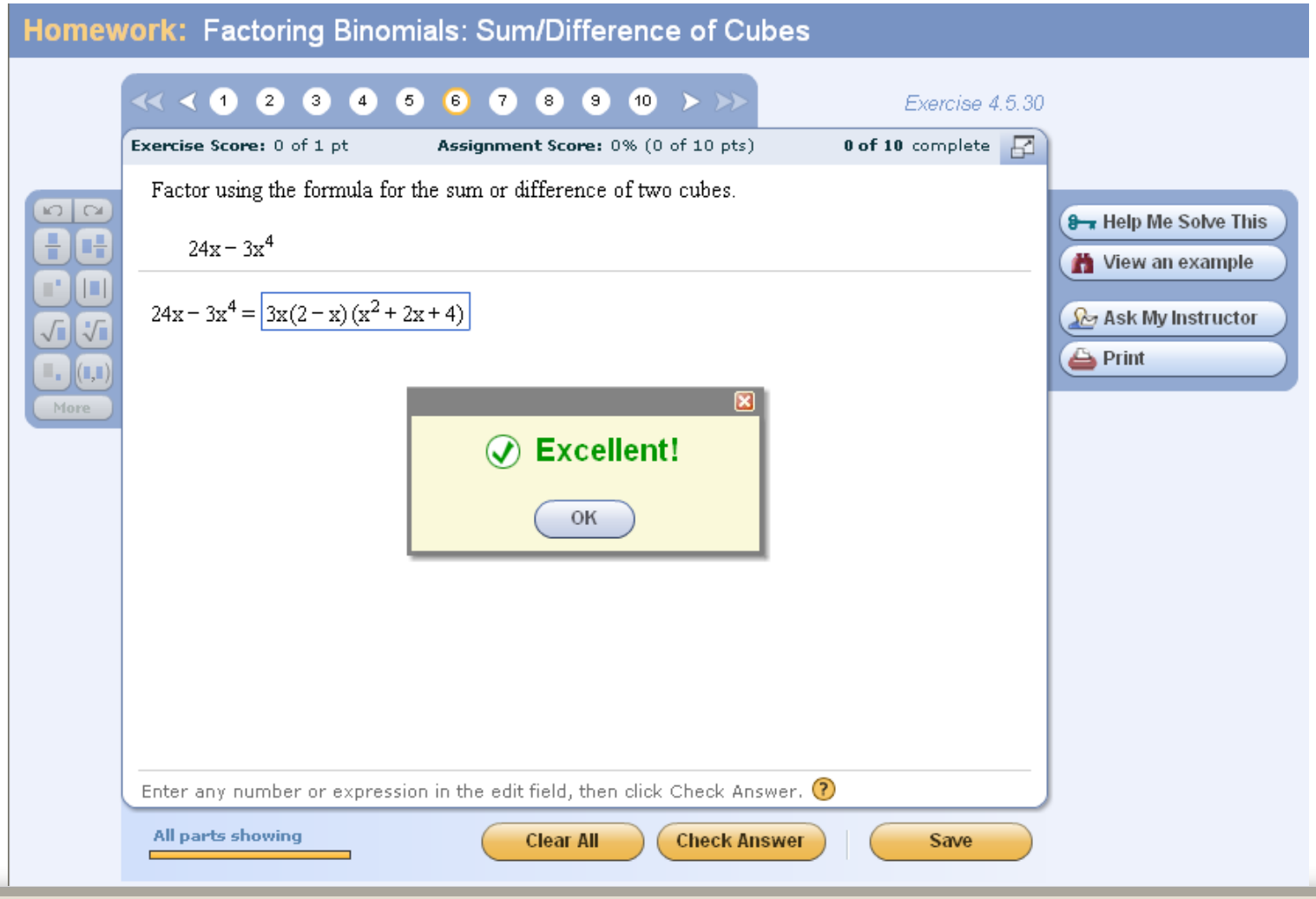
Homework “hints” when students enter equivalent answers that are not in the correct form



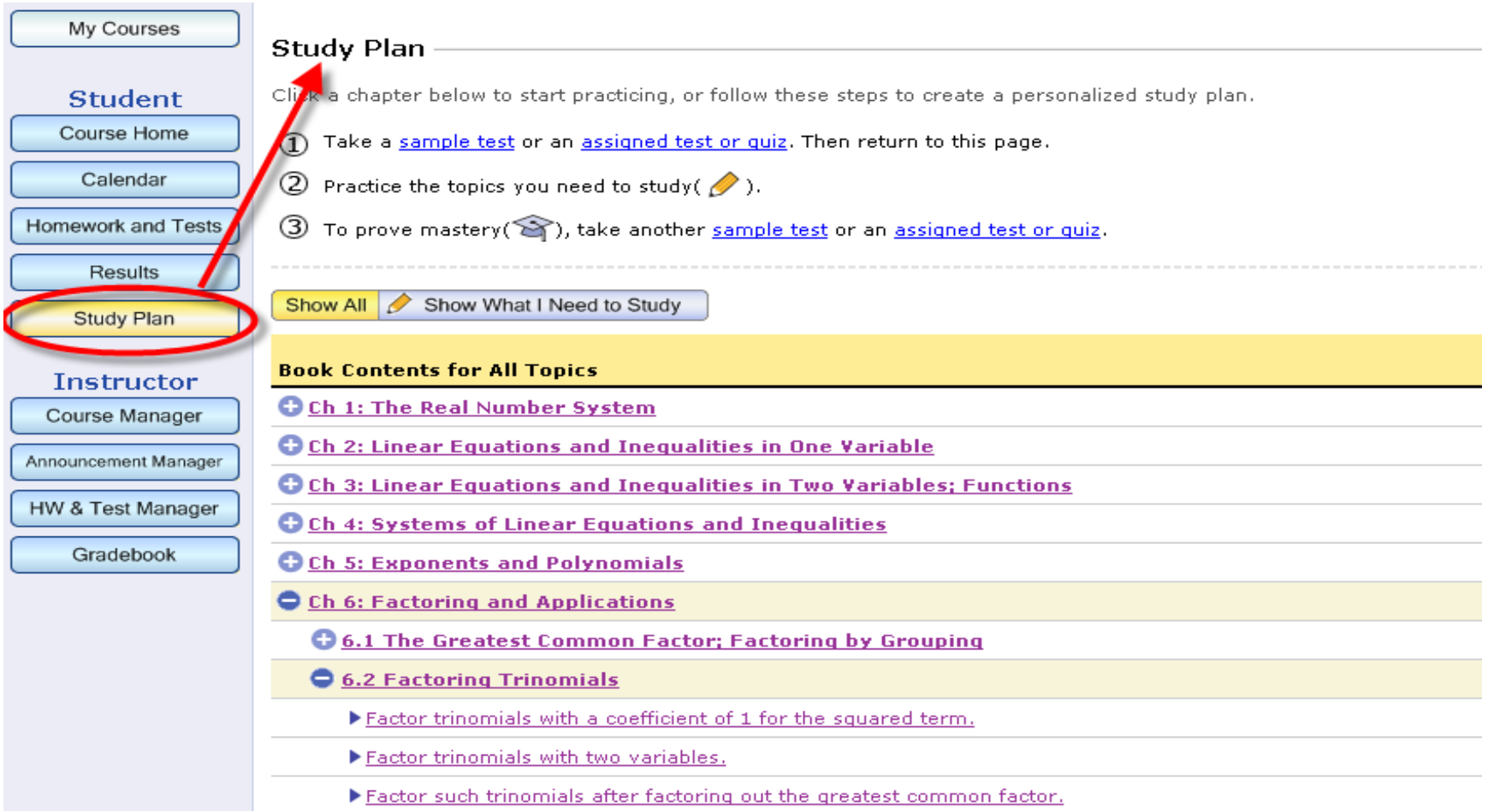
Algorithmically Generated Questions



Immediate Feedback for Students and Automatic Grading for Teachers



Learning Aids are also available inside a student's automatically generated Study Plan

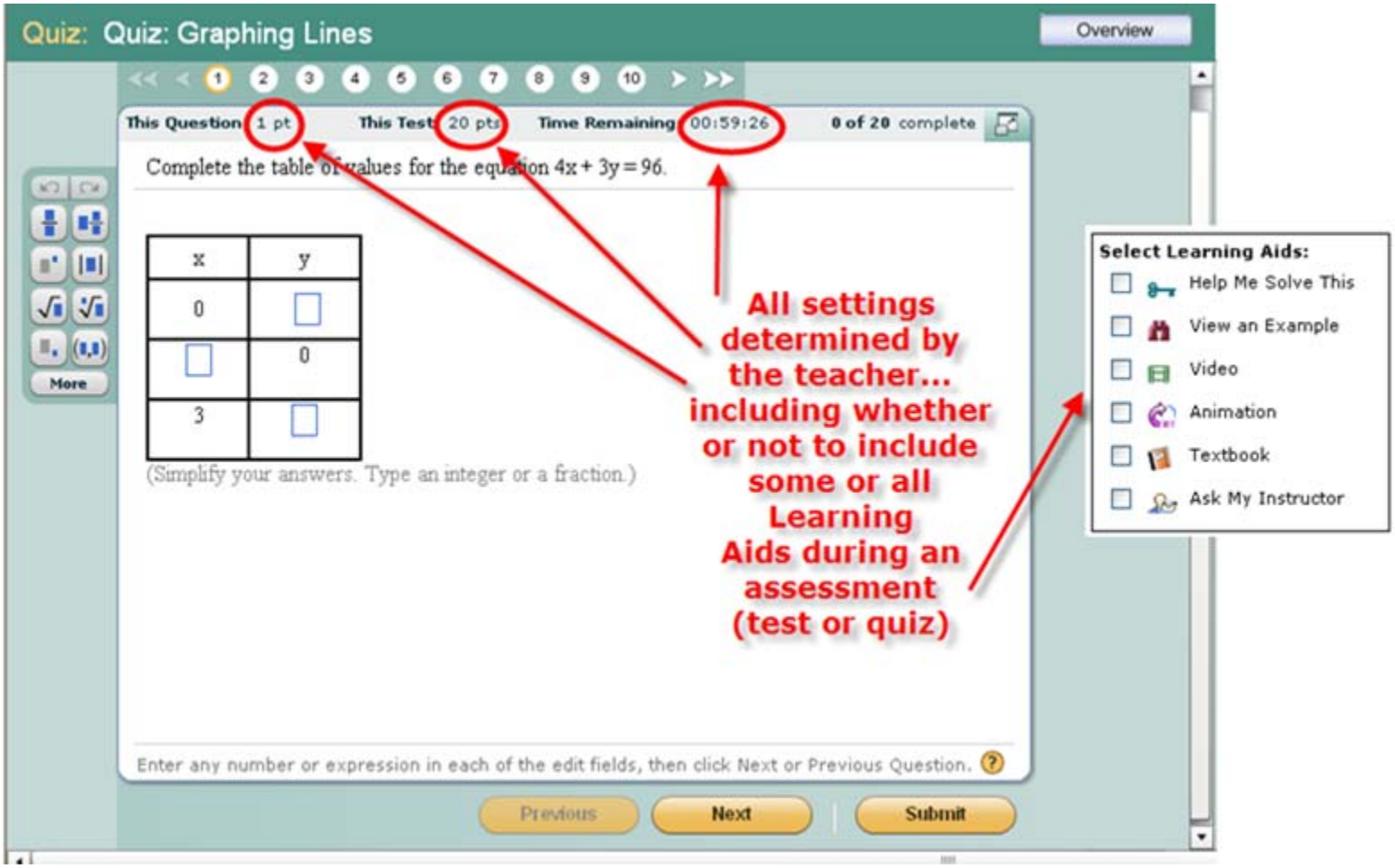


MathXL® for School Assessment Mode

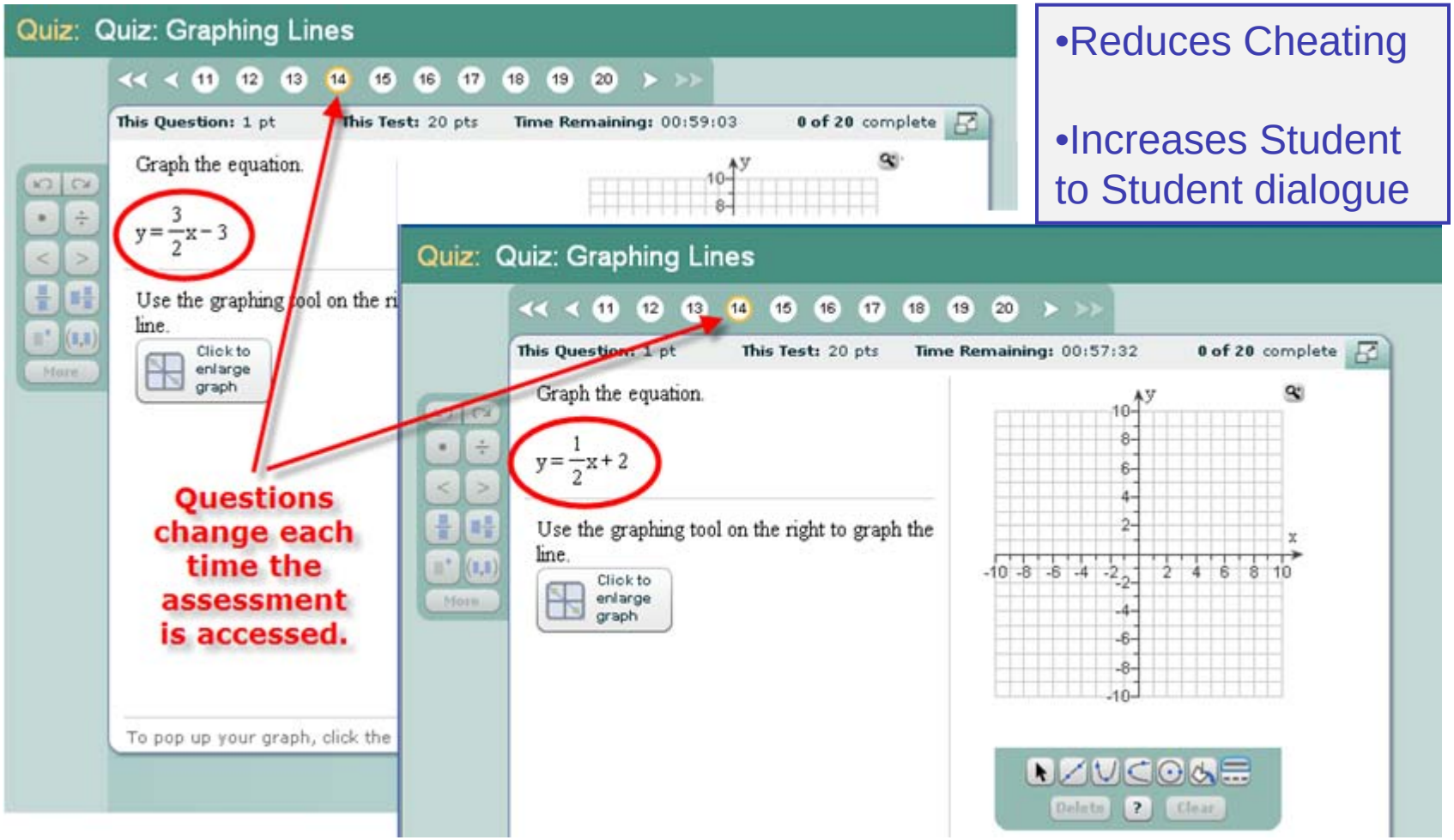
Assignments categorized as Tests or Quizzes

- Instructors may set a time limit or allow students unlimited time.
- Although the instructor may allow students multiple attempts of the assessment, the test or quiz must be completed and submitted in its entirety each time. Re-entering means starting the assessment over from the beginning with regenerated numerical values.
- Some or all Learning Aids may be included or turned off.

Assessment Mode



Algorithmically Generated Exercises



- Reduces Cheating
- Increases Student to Student dialogue

Ways to Use *MathXL® for School*

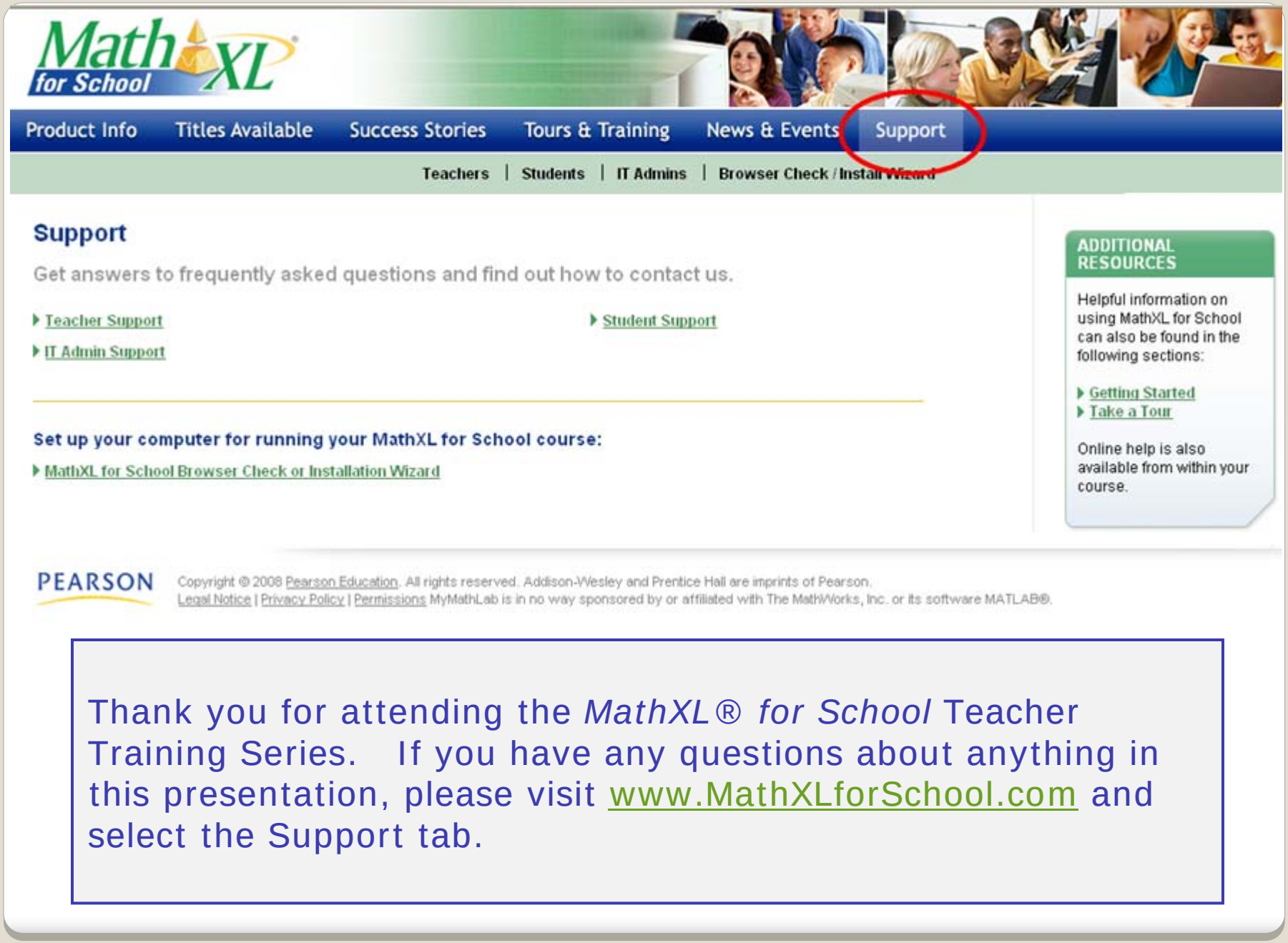
- Supplemental instruction and practice for students in traditional classes.
- Remediation for students who lack prerequisite skills or who get behind in the content due to slower learning rate or personal circumstances.
- Acceleration or Enrichment for students who work faster or who have previous knowledge of the content.
- Deliver content, assignments, and assessments for students in fully online classes.

Other Models of Use for *MathXL® for School*

For more examples of how your school can use

MathXL® for School, please visit

http://www.MathXLforSchool.com/support/school/use_models.html



Thank you for attending the *MathXL® for School* Teacher Training Series. If you have any questions about anything in this presentation, please visit www.MathXLforSchool.com and select the Support tab.