

# Introductory Algebra

## Enhancements

- Over 50 new question types have been added. The new question types provide greater correlation with the exercises in the textbook.
- Additionally, some existing question types were split into separate questions in order to allow instructors greater control of the content that their students will see.
- The Fall 2010 software also includes updates to instruct screens. Several new interactive (“Now It’s Your Turn”) instruct screens have been included to give the students targeted practice on the objectives of the lesson.

## New Questions

- **4.2: Graphing Linear Equations by Plotting Points**  
Added 2 question types with user-directed graphing.
- **4.3: The Slope-Intercept Form:  $y = mx + b$**   
Added 2 question types for horizontal and vertical lines: 1 type is always vertical and 1 type is always horizontal.
- **4.5: Introduction to Functions and Function Notation**  
Added 8 question types for identifying whether a given relation is a function as well as the domain and range.
- **6.3b: Evaluating Polynomials**  
Added 3 question types for evaluating a single-variable polynomial at a given value.
- **6.6a: The FOIL Method**  
Added an application problem related to geometry.
- **7.1c: Factoring Expressions by Grouping**  
Added 2 question types of medium difficulty for factoring by grouping.
- **7.3b: Factoring Trinomials by Trial and Error**  
Added 1 question type that is not factorable. Separated 6 existing question types to give instructors greater determination of what content their students will see.
- **7.5: Solving Quadratic Equations by Factoring**  
Separated 3 existing question types to give instructors greater determination of what content their students will see. Added 1 question type for solving a simple equation by factoring.
- **8.3: Addition and Subtraction of Rational Expressions**  
Added 1 question type for addition with rational expressions where the answer can be factored and reduced after the operation is performed. Separated 2 existing question types for addition and subtraction with rational expressions into 2 distinct question types each: 1 question type for denominators with perfect square trinomials and 1 question type for denominators that are not perfect square trinomials.
- **9.1: Evaluating Radicals**  
Added 2 question types for evaluating radicals: 1 type is a perfect square integer with a negative sign outside of the radical and 1 type is a simple perfect square radicand involving a variable.
- **9.4a: Rationalizing Denominators**  
Added 1 question type that is a simple problem for rationalizing the denominator.
- **10.2: Quadratic Equations: Completing the Square**  
Separated an existing question type for solving a quadratic equation by completing the square into 2 distinct question types: 1 type for integer answers and 1 type for non-integer answers.
- **A.1: Special Factorizations – Cubes**  
Added 2 question types of medium difficulty for recognizing special factorizations.

# General Changes

- Added new product specific icons that utilize the company logo.
- Improved Edit Course ID Window to assist user in entering the correct course ID:
  - Replaced “Course ID” with “Hawkes Course ID” in all places to help distinguish from a school’s course id.
  - Added a link “Find my Hawkes Course ID” that takes the user to our webpage where they can look up their course ID by school.
  - Added custom check and message for each of the following common issues: i) user is not connected to the internet, ii) user has entered a license number, iii) user has entered an access code.
  - Added a Help link that opens the pdf HLS Internet Access for additional guidance.
  - Added on screen message indicating Hawkes Course ID will not contain numbers or spaces
  - Added a check box option for “Always Work Offline”
- Statistics ONLY: Added “Never Ask Again” check box option to warning that client Table of Contents does not match server Table of Contents.
- Hot words windows are now movable.
- Added title bar with close button to how word windows.
- “Product Tour” renamed “Video Tour” to be clearer.
- Added keyboard short cuts:
  - ) enters () in text box (This is in addition to existing keyboard short cut of (.)
  - ] enters [] in text box (This is in addition to existing keyboard shortcut of [.]
  - } enters {} in text box (This is in addition to existing keyboard short cut of {.)
  - Ctrl+( enters (] in text box
  - Ctrl+) enters ]) in text box
  - Ctrl+[ enters [) in text box
  - Ctrl+] enters ]) in text box
- Online grade book link compatible with browsers other than Internet Explorer.
- Statistics ONLY – If change Table of contents, Table of Contents name updates in courseware title and title bar of Instructor menu without having to exit and reenter software.
- Introductory and Intermediate Algebra student courseware link and Online Grade link no longer touch at resolution 1600 x 900 on Instructor menu.
- Statistics Only – Added warning if client table of contents and server table of contents do not match when click on Lesson Editor and WebTest links on Instructor menu.