

Introductory & Intermediate Algebra

Enhancements

- This year, over 75 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.

New Questions

- **4.2: Graphing Linear Equations by Plotting Points**
Added 2 question types with user-directed graphing.
Added 1 question type for matching a given equation to the correct graph among 4 choices.
- **4.3: Graphing Linear Equations in Slope-Intercept Form**
Added 2 question types for horizontal and vertical lines: 1 type is always vertical and 1 type is always horizontal.
- **4.4a: Finding the Equation of a Line**
Added 2 application problems related to linear equations.
Added 5 question types for finding the equations of lines that are parallel or perpendicular to a given line.
- **4.4b: Graphing Linear Equations in Point-Slope Form**
Added 1 question type where the student determines if the lines given in a pair of equations are parallel, perpendicular, or neither.
- **4.5: Introduction to Functions and Function Notation**
Added 2 question types for identifying ordered pairs on a graph, determining their domain and range, and identifying whether the relation is a function.
- **5.5b: The FOIL Method**
Added an application problem related to geometry.
- **6.1c: Factoring Expressions by Grouping**
Added 2 question types of medium difficulty for factoring by grouping.
- **6.2c: 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.
- **6.4: 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.
Added 3 question types for writing a polynomial equation with given roots.
- **7.2: 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.
- **10.1a: 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.
- **10.5: Functions with Radicals**
Separated an existing question type into even roots and odd roots.
- **10.6: Multiplication and Division of Complex Numbers**
Separated an existing question type into 7 distinct question types to give instructors greater determination of what content their students will see.

New Questions (continued)

- **11.1b: 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.
- **12.5: The Distance Formula, Midpoint Formula, and Circles**
Added 2 question types for finding the equation of a circle at the origin: 1 type has an integer radius and 1 type has a non-integer radius.
- **14.3: Solving Systems of Linear Equations with Three Variables**
Added 2 question types that are word problems with three variables.
- **14.4: Matrices and Gaussian Elimination**
Added 1 question type for forming the augmented matrix for a system of 2 equations.

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.