MathXL® for School
Teacher Training Series

Creating Homework Assignments

Point your browser to:

http://www.MathXLforSchool.com

Note:
You must register using your teacher access code and create your first course before you will be able to use the features of MathXL® for School. If you do not have an access code, you may request one at www.pearsonschool.com/access_request.

Log in With Your User Information

Click *Enter MathXL for School*

Click on the name of a course

Math XL
for School

Welcome to MathXL for School, High

Pearson School

My Current Courses

🔺 **ADP Algebra II [4]**

🔶 **Member: ADP Algebra II Course with Assessments [0]**

🔺 **Algebra 1C [0]**

🔺 **Algebra I (Martin-Gay, 5e) [4]**

🔺 **Algebra II (Martin-Gay, 5e) [0]**

🔺 **AP Statistics (Bock, 2e) [0]**

🔺 **California Algebra Readiness [0]**

🔺 **Pearson DEMO COURSE [0]**

🔺 **prealgebra [0]**

🔺 **Precalculus (Demana, 7e) [0]**

Course Tools

▶ **Create or copy a course**
▶ Manage Courses and Course List
▶ Enroll in Another Instructor's Course

Help & Support

▶ **Frequently Asked Questions**
▶ Take a Tour
▶ Instructor Help
▶ Product Support
▶ Edit Account Information

Click on *Homework & Test Manager*

Select the type of assignment to be created

Math XL
for School

Algebra II (Martin-Gay, 5e) [0] ▾ > HOMEWORK/TEST MANAGER

Manage Course List

Homework/Test Manager ———————————————— Legend 🖨 ⑦

Student

My Courses

Course Home

Calendar

Homework and Tests

Results

Study Plan

Instructor

Course Manager

Announcement Manager

HW & Test Manager

Gradebook

Create Assignment ▾ | 🖩 Change Dates & Assign Status | ▶ Set Prerequisites | More Assignment Tools ▾

Create Homework
Create Quiz
Create Test
Add Offline Item
Import/Copy Assignments from another course

Create Custom Question

Chapters

To create a new assignment, use the Create Assignment drop-down
menu on the toolbar at the top of this page. **Learn about assignment types.**

You may also:
➡ Copy and assign **sample tests and quizzes** from the Quizzes & Tests view.
➡ Copy and assign **sample homework** from the Homework view.

This course is based on Martin-Gay: Intermediate Algebra, 5e
Copyright 2009 Pearson Education

Hide Navigation Buttons

Types of Assignments

• **Homework:** These assignments are not timed and can be entered by the student as many times as necessary during the availability period. Completed exercises are saved and the student can pick up where he/she left off each time. Scores for these assignments appear in the Homework gradebook category.

• **Tests:** The instructor can set a time and attempt limit on these assignments. If a student is given more than one attempt to take the assignment, the student must start over from the beginning and complete the entire assignment with regenerated exercises each time. Scores for these assignments appear in the Tests gradebook category.

• **Quizzes:** Settings are the same as for tests, but the scores for these assignments appear in the Quizzes gradebook category.

• **Offline Assignments:** These are assignments that are completed and graded offline. The instructor can enter scores for these assignments into the online MathXL for School gradebook. The instructor determines the gradebook category for each offline assignment added to the gradebook.

Creating Homework Assignments

Select create homework from the drop-down menu.

Creating Homework Assignments

New Homework ———————————————————————— Legend 🖨 ❓

① Start	② Add/Remove Content	③ Choose Settings

Book   Bittinger: Elementary Algebra, Concepts and Applications, 7e

Gradebook Category   Homework ▾

Homework Name   Homework: Factoring Trinomials and Applications

Enter a homework name and click Next to continue.

Give the assignment a unique name.

Cancel   Next ▶

Select the chapter and section that contains the content

New Homework

Legend 🖨 ⑦

① Start   ② Add/Remove Content   ③ Choose Settings

Name 5.3 & 5.3 Homework: Factoring Trinomials
Book Bittinger: Elementary Algebra, Concepts and
Chapter 5. Polynomials and Factoring
Section All Sections

All Sections
Section 5.1: Introduction to Factoring
Section 5.2: Factoring Trinomials of the Type x^2+bx+
Section 5.3: Factoring Trinomials of the Type ax^2+bx
Section 5.4: Factoring Perfect-Square Trinomials and
Section 5.5: Factoring: A General Strategy
Section 5.6: Solving Quadratic Equations by Factorin
Section 5.7: Solving Applications

Objective

Available Qu
☐ All ☑ S
☐ 5.1.9
☐ 5.1.11
☐ 5.1.13
☐ 5.1.15
☐ 5.1.17
☐ 5.1.19

[Add ▶]
[◀ Remove]

---

① Start   ② Add/Remove Content   ③ Choose Settings

Name 5.3 & 5.3 Homework: Factoring Trinomials
Book Bittinger: Elementary Algebra, Concepts and Applications, 7e
Chapter 5. Polynomials and Factoring ▾
Section Section 5.3: Factoring Trinomials of the Type ax^2+bx+c ▾
Objective All Objectives ▾

Available Questions 37
☐ All ☑ Show Study Plan questions

My Selections (0)
☐ # Question ID

☐ 5.3.5
☐ 5.3.7
☐ 5.3.9
☐ 5.3.11
☐ 5.3.13
☐ 5.3.15
☐ 5.3.17
☐ 5.3.19
☐ 5.3.21

Note: If the assignment contains content from more than one section, repeat the process for additional sections.

Ways to Select Exercises:
(1) Using the Textbook Exercise Set

Available Questions 37

☐ All   ☑ Show Study Plan questions

- ☐ 5.3.5
- ☐ 5.3.7
- ☑ 5.3.9
- ☐ 5.3.11
- ☑ 5.3.13
- ☑ 5.3.15
- ☐ 5.3.17
- ☑ 5.3.19
- ☑ 5.3.21
- ☐ 5.3.23
- ☐ 5.3.25
- ☐ 5.3.27
- ☐ 5.3.29
- ☐ 5.3.31
- ☐ 5.3.33
- ☐ 5.3.35

Exercise numbers are correlated to the textbook on which the course is based. An exercise can be selected by examining the printed exercise in the text.

An exercise numbered 5.3.9 would be an algorithmically generated version of item #9 in Section 3 of Chapter 5.

Ways to Select Exercises:
(2) Preview & Add

New Homework

① Start   **② Add/Remove Co**

Name	5.3 & 5.3 Homework: Factori
Book	Bittinger: Elementary Algebr
Chapter	5. Polynomials and Factoring
Section	Section 5.3: Factoring Trinomials
Objective	All Objectives

Available Questions 37

☐ All   ☑ Show Study Plan questions

- ☐ 5.3.5
- ☐ 5.3.7
- ☐ 5.3.9
- ☐ 5.3.11
- ☐ 5.3.13
- ☐ 5.3.15
- ☐ 5.3.17
- ☐ 5.3.19
- ☐ 5.3.21
- ☐ 5.3.23
- ☐ 5.3.25
- ☐ 5.3.27
- ☐ 5.3.29
- ☐ 5.3.31
- ☐ 5.3.33
- ☐ 5.3.35
- ☐ 5.3.37

Preview & Add

Cancel

---

http://mathxlforschool.com - Preview and Add to Homework - Microsoft Internet Explorer

Preview and Add to Homework   # Items in your Homework: 0

Section 5.3   Preview Item: 1 of 5
Objective: Factor completely.   Item #: 5.3.9
Origin: Publisher   **Availability:** Homework, Tests and Quizzes, Study Plan

Factor.

$$56w^2 + 17w - 3$$

$$56w^2 + 17w - 3 = (7w + 3)(8w - 1)$$

(Type N if the trinomial is not factorable.)

- 🔙 Help Me Solve This
- 🔍 View an Example
- 📕 Textbook
- 📼 Video
- 🎬 Animation
- 📝 Ask My Instructor
- 🖨 Print
- 🎓 Ask the Publisher

You may preview all or selected exercises before adding them to an assignment. The exercise can be viewed with the answer displayed or such that it can be worked as a student.

Question is complete.   ⑦

All parts showing   **Similar Exercise**   **Close**

⦿ **Show completed problem**   ○ Work problem as student   This question is worth 1 points.

Show Answer   Reload   ◄ Previous   Add   Next ►

Ways to Select Exercises:
(3) Add, then Preview & Remove

New Homework ———————————————————— Legend 🖨 ⑦

| ① Start | ② **Add/Remove Content** | ③ Choose Settings |

Name   5.3 & 5.3 Homework: Factoring Trinomials

Book   Bittinger: Elementary Algebra, Concepts and Applications, 7e

☑ Show publisher questions

Chapter | 5. Polynomials and Factoring ▼ |

☑ Show custom questions (+) for this book

Section | Section 5.3: Factoring Trinomials of the Type ax²+bx+c ▼ |

☐ Show other custom questions Refine Selection ...

Objective | All Objectives ▼ |

Available Questions 37

☑ All   ☑ Show Study Plan questions

☑ 5.3.5
☑ 5.3.7
☑ 5.3.9
☑ 5.3.11
☑ 5.3.13
☑ 5.3.15
☑ 5.3.17
☑ 5.3.19
☑ 5.3.21
☑ 5.3.23
☑ 5.3.25
☑ 5.3.27
☑ 5.3.29
☑ 5.3.31
☑ 5.3.33
☑ 5.3.35
☐ 5.3.37

[Add ▶]
[◀ Remove]

My Selections (37)   ▶ View question details   Questions on homework: 37

☐ #   Question ID   Objective   Points on homework: 37

☐ 1	5.3.5	Factor completely.	1
☐ 2	5.3.7	Factor completely.	1
☐ 3	5.3.9	Factor completely.	1
☐ 4	5.3.11	Factor completely.	1
☐ 5	5.3.13	Factor completely.	1
☐ 6	5.3.15	Factor completely.	1
☐ 7	5.3.17	Factor completely.	1
☐ 8	5.3.19	Factor completely.	1
☐ 9	5.3.21	Factor completely.	1
☐ 10	5.3.23	Factor completely.	1
☐ 11	5.3.25	Factor completely.	1
☐ 12	5.3.27	Factor completely.	1
☐ 13	5.3.29	Factor completely.	1
☐ 14	5.3.31	Factor completely.	1
☐ 15	5.3.33	Factor completely.	1
☐ 16	5.3.35	Factor completely.	1

[Preview & Add]   [Preview & Remove]   [View Student Homework]   [Sort All] [▲] [▼] [🗑]

Adjust point values as desired

New Homework — Legend 🖶 ⓘ

① Start	② **Add/Remove Content**	③ Choose Settings

Name 5.3 & 5.3 Homework: Factoring Trinomials
Book Bittinger: Elementary Algebra, Concepts and Applications, 7e
Chapter 5. Polynomials and Factoring ▼
Section Section 5.7: Solving Applications ▼
Objective All Objectives ▼

☑ Show publisher questions
☑ Show custom questions (+) for this book
☐ Show other custom questions Refine Selection ...

Available Questions 17
☐ All ☑ Show Study Plan questions

- ☐ 5.7.1
- ☐ 5.7.3
- ☐ 5.7.5
- ☐ 5.7.7
- ☐ 5.7.9
- ☐ 5.7.11
- ☐ 5.7.13
- ☐ 5.7.15
- ☐ 5.7.17
- ☐ 5.7.19
- ☐ 5.7.21
- ☐ 5.7.23
- ☐ 5.7.25
- ☐ 5.7.27
- ☐ 5.7.29
- ☐ 5.7.31
- ☐ 5.7.33

[Add ▶]
[◀ Remove]

My Selections (12)   ▶ View question details   Questions on homework: 12
☐ # Question ID   Objective   Points on homework 100

☐	#	Question ID	Objective	Points
☐	1	5.2.9	Factor trinomials.	6
☐	2	5.2.15	Factor trinomials.	6
☐	3	5.2.17	Factor trinomials.	6
☐	4	5.2.25	Factor trinomials.	6
☐	5	5.3.5	Factor completely.	6
☐	6	5.3.19	Factor completely.	6
☐	7	5.3.25	Factor completely.	6
☐	8	5.6.9	Use the principle of zero products.	8
☐	9	5.6.19	Use the principle of zero products.	8
☐	10	5.7.11	Translate word problems using the five-step...	14
☐			r...	14
☐			r...	14

[Preview & Add]

All ▲ ▼ 🗑

Note: If point values are not changed and left at the default value of 1, exercises will be equally weighted. In the gradebook, students will see both the points they earn (ex. 8/10) and the percentage (ex. 80%) for each assignment.

[Cancel]   ◀ Back   Next ▶

HW Assignment settings: Availability Options

New Homework — **Legend** 🖨 ⑦

① Start   ② Add/Remove Content   ③ **Choose Settings**

Name Homework: Factoring Trinomials and Applications

Book Bittinger: Elementary Algebra, Concepts and Applications, 7e

Availability Options

Set the first available Date and Time

Available `1/3/2009` 📅 `12:00 AM` 🕐   Current Courses time: 10:21pm
Time zone: (GMT-05:00) Eastern Time (US & Canada) <u>Change...</u>

Due `1/16/2009` 📅 `11:59 PM` 🕐   ← **Set the Due Date and Time**

☑ Allow students to continue to work and change score after due date ← **Allow students to work after due date**

    ☑ Require password after due date `pw1mua` ← **Password protect the assignment to control access after the due date**

Chapter Associations Display with assignments from chapter(s): 5 <u>Change...</u>
Note: This assignment covers material from chapters 5

Select Chapters:

☐ 1. Introduction to Algebraic Expressions

☐ 2. Equations, Inequalities, and Problem Solving

☐ 3. Introduction to Graphing

☐ 4. Polynomials

☑ 5. Polynomials and Factoring

☐ 6. Rational Expressions and Equations

☐ 7. Systems and More Graphing

[Cancel] [OK]

Select the chapters with which the assignment will display

Homework Settings: Access Controls

Access Controls

Prerequisite	Factoring Trinomials ▾	Min. score 80.0 % (optional)
Attempts per question	☑ Limit number of times students can work each question to 3	

Any other previously created assignment can be set as a **prerequisite** for an assignment. If desired, a certain score on the prerequisite assignment can be established so that a student must reach that score before having access to the assignment.

The **number of attempts** per question may also be limited on homework assignments. If this value is not set, the student may rework the exercise as often as necessary by requesting a similar exercise.

Homework Settings: Presentation Options

Presentation Options

Save Values ☑ Save question values and student answers

Printing ☑ Allow students to print this homework assignment

Learning Aids Help Me Solve This, View an Example, Video, Animation,
Change....

☑ Show in Review mode only

Select Learning Aids:

☑ Help Me Solve This

☑ View an Example

☑ Video

☑ Animation

☑ Textbook

☑ Ask My Instructor

Cancel   OK

Save Values: When checked, this preserves the first set of values that are generated when a student enters the assignment. Otherwise, incomplete questions will regenerate each time a student enters the assignment. This option should be checked if students are allowed to print the assignment and work offline; otherwise, the exercises would regenerate upon reentry and not matched those worked offline.

Choose which **Learning Aids** should be made available and if they are to be available while the student is working or only during review of the submitted assignment.

Homework Settings: Scoring Options and Other

Partial credit may be awarded when an exercise has multiple parts. The software will assign equal credit for each part. If this option is not checked, the student will not receive any credit if any part of a multi-part question is incorrect.

Scoring Options

Partial Credit   ☑ Allow partial credit on questions with multiple parts

Importing of the assignment by other instructors at your school may be allowed if desired. You may also import assignments from instructors at other schools if you know their log-in name.

Other

Importing   ☑ Allow other instructors to import this assignment

Once all assignment settings are in place, **Save** the assignment or **Save & Assign** it to make it available to students as of the start date. The assignment must be assigned before students will have access to it.

Cancel   ◀ Back   Save   Save & Assign

Use the *Actions* drop-down menu from the HW & Test Manager to unassign, edit, copy, delete, change settings for the class or for individual students, preview, list questions or print the assignment.

Algebra 1C [0] > HOMEWORK/TEST MANAGER

Manage Course List

Homework/Test Manager ─────────── Legend 🖨 ❓

Create Assignment ▼ | 🗓 Change Dates & Assign Status | 🚩 Set Prerequisites

More Assignment Tools ▼

Show All | Homework | Quizzes & Tests | Other | Chapters

Order	Ch.	Assignment Name	Category	Assigned	Start ⏱	Due ⏱	Actions
1	1	Chapter 1	H	✔	12/29/08	12/31/08	-- Choose -- ▼ Go
2	5	Homework: Factoring Trinomials and Applications	H	✔	01/04/09		-- Choose ▼ Go
3	5	Factoring Trinomials	H	✔	01/04/09		Go

-- Choose --
Unassign
Edit...
Copy...
Delete
Settings for Class
Settings per Student

Preview
List Questions
Print...

Navigation Buttons:

Hide Navigation Buttons

My Courses

Student
Course Home
Calendar
Homework and Tests
Results
Study Plan

Instructor
Course Manager
Announcement Manager
HW & Test Manager
Gradebook

Note: Once an assignment has been entered by a student, the exercises in the assignment cannot be edited, but the settings can.

Creating Quizzes and Tests

The steps for creating a Quiz or Test are similar to those for creating a homework assignment. See the presentation on Creating Tests and Quizzes for more information.

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.