Exploring Course Content

This chapter explores the course content available in MyMathLab courses. If you take more than one MyMathLab course, you will find that some resources are included in every MyMathLab course, while other resources are not.

Where Is Everything?

When your instructor creates a MyMathLab course, all course content is located in the **Course Documents** area. From the **Course Home** page, you can access this material by clicking the **Course Documents** navigation button or by clicking the **Course Documents** link in the course outline.

Note Your instructor may have placed content in areas other than **Course Documents**, such as **Course Information** and **Assignments**. Ask your instructor for details, or click the navigation buttons to explore.

As outlined in Chapter 3, "Course Navigation," the material in the **Course Documents** area is organized in three levels (main, chapter, and section). These levels should look familiar, because they match the way your textbook is organized. At each level, you will find:

- Links to the next level down, if applicable
- Learning resources correlated to the book, chapter, or section level

Looking at the Main Menu

This chapter introduces the different types of resources you will find at each level of course content.



Looking at the Main Menu

You will find links for MyMathLab homework, test, and gradebook functionality at both the main and chapter levels. Having these links at different levels makes it easy for you to take tests, check your grades, and complete practice exercises and homework assignments.

At the main level, you will find resources that are relevant to the entire textbook for your course. For example, if you are expected to use a calculator to complete exercises throughout a textbook, you might find a resource at the main level explaining how to use calculators. This is an example of a global, or textbook-wide, resource.

At this level, you also see a list of folders for the textbook chapters. To move down a level in the student content hierarchy, you click the link for one of these chapters.

Exploring the main level

Resources at the main level are global in scope. Here are examples of global resources that you may find in your course at this level:

- Index of multimedia
- Math Tutor Center information
- MyMathLab calendar
- Textbook glossary
- Answers to odd-numbered textbook exercises
- Study tips

Many of these global resources open in a secondary MyMathLab window, so navigating between them and other course components is easy.

Tip Be sure to scroll to the bottom of the main menu to see some of these global resources.

Note Depending on the course materials you are using, you may not see links to the MyMathLab calendar. In this case, you must click VIEW COURSE CALENDAR at the top of the assigned tests, assigned homework, and study plan screens.

Index of multimedia

Your course includes a multimedia textbook. You can view or print a list of all the multimedia available, such as the one shown here, by clicking the <u>here</u> link under **Index** of **Multimedia**. (If this link is not available in your course, ask your instructor to make it visible to students.)

Looking at the Main Menu

Ch / Sect	Video Clips (VIDEO button)	Animations (EXPLORE button)	Study Tips (RELATED TIPS button)	Narrated Key Terms (AUDIO button)	Practice Exercises (YOU TRY IT button)
1.1	pp. 5, 6		p. 7(2)		pp. 3, 4, 5, 6(2)
1.2	pp. 13, 15, 16			p. 11(3)	pp. 12, 14(2), 15
1.3	pp. 21, 24, 25		p. 25	p. 20(2)	pp. 21, 23, 24, 25
1.4	pp. 33, 34(2)			pp. 29, 31, 34, 34	pp. 29, 30, 33(2), 34
1.5	pp. 41, 43			pp. 40, 43	pp. 41, 42, 43
1.6	pp. 50, 54	p. 54*		p. 48(3)	pp. 50, 53, 54, 55
1.7	pp. 63, 64	pp. 63, 65		р. б1	pp. 62, 63(2), 64
1.8	pp. 71, 72	pp. 71, 74			pp. 68, 72, 73, 75
1.9	pp. 84, 86, 89	pp. 85, 87, 88		p. 84	pp. 84, 85, 87, 88
2.1	pp. 102, 106	pp. 103, 106		pp. 102, 104(3)	pp. 102(2), 103, 104
2.2	pp. 110, 112				pp. 110(2), 111, 112
2.3	pp. 117, 119	p. 116*		p. 115(2)	pp. 114, 116, 119(2), 120
2.4	pp. 127, 130				pp. 126, 127, 130
2.5	p. 134(2)			p. 137	pp. 134(2), 135, 137
2.6	pp. 140, 141	pp. 140, 141			pp. 140(2), 141
2.7	p. 149(2)	pp. 147, 150	p. 150	p. 146	pp. 146, 147, 149, 150
3.1	pp. 166, 168, 170	pp. 166, 167	p. 170		pp. 165, 168, 170
3.2	pp. 175, 176	pp. 174, 176		p. 174	pp. 173, 174, 175, 176
3.3	pp. 181, 183	pp. 181, 182, 183			pp. 180, 181, 182, 183(2)
3.4	pp. 187, 189	pp. 188, 189	p. 189	p. 187	pp. 187, 188, 189, 190
3.5	pp. 195, 196	p. 194*, 196, 197			pp. 194, 195, 196
3.6	pp. 204, 205	p. 206			pp. 204, 205(2), 207
3.7	pp. 214, 217			p. 215	pp. 215(2), 216, 217(2)
4.1	pp. 234, 238			p. 233	pp. 234, 236, 237, 238, 239
4.2	pp. 244, 246				pp. 243, 245(2), 246(2)
4.3	pp. 254, 256	p. 252*			pp. 253, 254(2), 256(2)
4.4	pp. 260, 263, 264	p. 260*	p. 263		pp. 260, 261, 263, 265, 266
4.5	pp. 272, 273	pp. 271, 272			pp. 271, 272, 273, 274
4.6	pp. 280, 282		p. 280		pp. 280, 281, 282

The multimedia index is a PDF file. To print the index, click the **Print** button on the toolbar.

Asking experts

The Addison-Wesley Higher Education Math Tutor Center (MTC) provides tutoring for students enrolled in developmental math, precalculus math, liberal arts math, applied math, applied calculus, calculus, discrete math, linear algebra, differential equations, and introductory statistics courses.

If you are registered for this service, you can work with qualified college math instructors who will assist you with examples, exercises, and problems contained in your textbooks. You will receive:

- Explanations of concepts in the textbook
- Detailed solutions to problems with answers indicated in the textbook
- A careful review of your work for all other problems in the textbook

To contact the center:

- Call: 1-888-777-0463
- Fax: 1-877-262-9774
- Email: tutor@aw.com

If you purchase a new Addison-Wesley textbook bundled with MyMathLab, you are entitled to free MTC tutoring. You need to provide the course ID or the MyMathLab access code to gain access to tutor center services.

What about tests and homework?

Brick-red links in the menu usually indicate homework, test, and gradebook links:



At the main level of the course content, you can view all assigned tests and homework for the course as well as all your grades. In contrast, at the chapter level, you access your study plan, tests, and grades for each specific chapter. (You will always see your homework assignments for all chapters.)

Note Depending on your course, you may not see links to homework assignments. In this case, click the **Tests Assigned by My Instructor** or **My Chapter Study Plan** link to access the to access the **Do Homework** button. For more information about testing and grades, see Chapter 5, "Homework, Tests, Tutorials, and Results."

For a quick view of test and homework assignment due dates, click the **My Calendar** link in the **Course Documents** area.

Looking at the Chapter Menu

Here is an example:

CALENDAR							
<< Aug '02	Sep '02 O	t '02 Nov '02	D	ec'02 Ja	n'03 Feb'	03 Mar'03 /	pr'03 >>
Sun	Mon	Tue		Wed	Thu	Fri	Sat
					1	2 START HOMEWORK 12:00AM 1.2 Homework	3
4	END TEST 11:59PM test 6	5 EIND HOMEWORK 11:59PM 1.2 Homework START HOMEWORK 12:00AM 1.3 Homework	6	7	8	9 • END HOMEWORK 11:59PM 1.3 Homework	10
11	1 START HOMEWORK 12:00AM 2.3 Homework	2	13	14	15	16	17
18	START TEST 12:00AM Mid-term exam (no expiration)	9 END HOMEWORK 8:00AM 2.3 Homework	20	21	22	23	24

To move back and forth through the months, click a month at the top. You can also click the \leq or \geq link.

Looking at the Chapter Menu

At each level of the course content, information is organized consistently and divided into small segments. As a result, you should be able to find resources quickly and not feel overwhelmed by too much information at any one time.

The chapter menu contains homework, test, gradebook, and study plan links as well as other chapter-level resources. Examples of each are shown in this section.

Exploring the chapter level

Chapter resources vary by textbook and may vary by chapter within a textbook. Here are some examples of resources that you may find in your course at this level:

- Graphing calculator tutorials
- Graphing explorations
- Group activities
- Data sets

Each chapter also contains a list of links to the sections in the chapter. To move down the hierarchy to a section, you click its link.

What about tests and homework?

At the chapter level, you can access tests, homework, and grades for the chapter you selected in the main menu. In addition, you can take a sample test or open a study plan for the chapter, as shown here:



Note For more information about testing and grades, see Chapter 5, "Homework, Tests, Tutorials, and Results."

Looking at results

At the chapter level, you can click the **My Chapter Gradebook** link to have easy access to your test and homework results. Clicking this link displays the **Results** page for the chapter you are viewing, as shown here:

RESULTS Wesley, Jane						
Chapter:						
1. Whole Numbers						
Result	s: 💿 Test	C Homework C Ov	erview	Print R	lesults - P rogress	s Chart
Assign	ied Tests				Result	s Key
Averag	Average Score: 95.6% Explain Average Total Time Spent: 00:13:16					
Ch.	Test	Date/Time	Time Spent	Correct/ Total	Action	
1	quiz 1	7/26/2002 2:40PM	00:12:42	32/45	Choose 💌	Go
1	quiz 1	7/8/2002 5:35PM	00:00:34	43/45*	Choose 💌	Go
Sample	e Tests				Result	s Key
Averag	Average Score: 5.6% Explain Average Total Time Spent: 00:00:38					
Ch.	Test	Date/Time	Time Spent	Correct/ Total	Action	
1	Chapter 1-A	7/26/2002 3:01PM	00:00:00	0/45	Choose 🔻	Go
1	Chapter 1-A	7/22/2002 5:52PM	00:00:38	5/45	Choose 💌	Go

Use the radio buttons to switch between test, homework, and overview results.

Note You can also see results by clicking on the left and then clicking **Check MyMathLab Grades**. For more information about testing, grades, and study plans, see Chapter 5, "Homework, Tests, Tutorials, and Results."

Looking at the Section Menu

At the section level, you have a wide array of resources at your fingertips, as shown here:



Depending on your specific MyMathLab course, these resources may include:

- Video lecture
- Multimedia textbook
- Tracked and untracked End-of-Section exercises
- Electronic versions of printed supplements

With these resources, you can expand your understanding of what you are learning in a particular section of your textbook.

Note Not all courses include all of the resources described here.

Watching a video

In most MyMathLab courses, you can watch a video lecture that introduces the book section. These lectures are typically 15–20 minutes long and cover all major concepts in the textbook section. The video lecture displays in a RealPlayer window, as shown here:



Note For information on installing Real Player, see "Plug-In and Software Installation" on page 21.

Exploring online resources in your multimedia textbook

All MyMathLab courses include a multimedia textbook, which is the complete student textbook online in exactly the same layout as the printed version. This design allows you to easily correlate the printed textbook with the online edition. You can click icons in the margin that link to resources such as audio clips, video clips, animations, practice exercises, and other related content from within the context of specific textbook pages.

Note Multimedia textbook chapters are PDF files, so you can easily print them. To view and print PDF files, you must have the Adobe Acrobat Reader installed on your computer. For information on installing Adobe Acrobat Reader, see "Plug-In and Software Installation" on page 21.

Looking at the Section Menu



This example of a multimedia textbook includes several buttons that link to additional activities:

Note Due to the media-rich content of the multimedia textbook, you need a fast Internet connection to access this resource.

The multimedia textbook offers many advantages:

- You experience multimedia in the context of what you are learning in the textbook.
- All multimedia content is closely correlated with the textbook.
- Textbook files open in a separate window for easy viewing and navigation.

- Your instructor may have added notes to the textbook to point out particular items or to add a favorite example.
- You do not need to learn a new navigation system. You simply flip through the pages of the electronic version, taking advantage of online features such as links and popup definitions along the way.

Getting practice

At the section level, you can link to both tracked and untracked End-of-Section exercises.

- **Tracked End-of-Section Exercises** are grouped at the section level. To open the tracked exercises, click the <u>here</u> link under **Tracked End-of-Section Exercises** on the section menu. You see a menu of all exercises available for that section. All work that you do on tracked exercises is recorded in your gradebook.
- **Practice End-of-Section Exercises** are linked directly to exercises in the textbook pages so you can get unlimited practice on the problem types that are the most difficult for you. The work you do on the practice exercises is *not* recorded in your gradebook.

To open the untracked exercises, click the <u>here</u> link under **Practice End-of-Section Exercises** on the section menu. The multimedia textbook opens to the exercises for the section you have selected. Click the **Exercises** button for the exercise type you want to work on.

Notes

- Depending on your course, the links to the end-of section exercises may be called **Tracked Tutorial Exercises** and **Practice Tutorial Exercises**.
- Your instructor may have chosen to delete the link in the section menu to either the tracked or untracked exercises.
- For more information about testing, grades, and study plans, see Chapter 5, "Homework, Tests, Tutorials, and Results."

Accessing more resources

Some MyMathLab courses include PDF files of printed supplements that accompany your textbook. These might include solutions manuals, study guides, graphing calculator manuals, or other such supplements.

Here is an example of a link to a supplement at the section level:



By clicking this link, you can display an additional worksheet for your MyMathLab course that you can print out and complete.

EX1 Mul Use	FRA PRACTICE 12 tiplication and Division 1 after Sections 2.6 and 2.7	Using 1 7	Fraction Notation Name				
Perf	Perform the indicated operations. Simplify if possible.						
1.	<u>3</u> . <u>7</u>	2.	5.4	3.	<u>8</u> . <u>21</u> <u>7</u> . <u>16</u>		
4.	$\frac{15}{24} \times \frac{6}{25}$	5.	$\frac{5}{4} \cdot 16$	6.	$\frac{1}{9} \cdot \frac{9}{10}$		
7.	$\frac{1}{6} \cdot \frac{1}{8}$	8.	$\frac{3}{4} \cdot \frac{5}{8}$	9.	7 12 · 4 <u>5</u>		
10,	<u>9</u> . <u>5</u> <u>10</u> . <u>5</u>	11.	<u>7</u> . <u>3</u> <u>15</u> . <u>4</u>	12.	$\frac{8}{9} \cdot \frac{3}{4}$		
13.	18.13	14.	250.15	15.	<u>1</u> .60		
16.	$\frac{1}{2} \div \frac{1}{4}$	17.	$\frac{5}{2} \div \frac{3}{8}$	18.	$\frac{3}{7} \div 4$		
19.	5÷ $\frac{5}{13}$	20.	<u>5</u> 13 ÷ 5	21.	$\frac{3}{5} \div \frac{9}{10}$		
22.	$\frac{6}{7} \div 6$	23.	$\frac{3}{4} \div 6$	24.	6÷ $\frac{6}{7}$		
25.	$12 \div \frac{2}{3}$	26.	120÷3/5	27.	350÷ 7 / ₄		
28.	$\frac{3}{2} \div \frac{5}{2}$	29.	$\frac{1}{2} \div \frac{7}{8}$	30.	$\frac{5}{7} \div \frac{15}{14}$		

You can work through these questions and then check your answers against the correct ones, which are also provided.