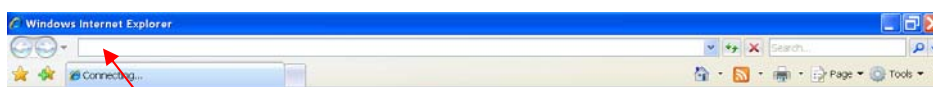




دليل الطالب
عن كيفية استخدام موقع
My Math lab
إعداد قسم الرياضيات
جامعة الملك عبد العزيز

enter

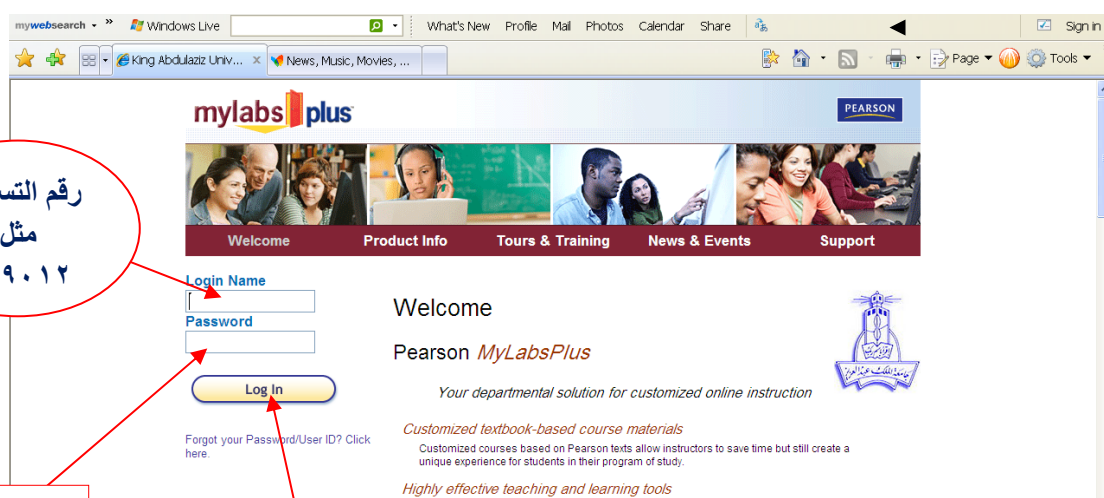
1



<http://www.kau.mylabsplus.com>

قم بإدخال رقم التسجيل والرقم السري في المكان المخصص كما هو موضح أدناه ومن
ثم الضغط على log in

2



kaumathstu

إضغط هنا

تغيير الرقم
السري

3

للخروج
من النظام

مادة أو أكثر
المسجلة لدى
الطالب

My profile

4

إضغط هنا

هام: ننصحك بتغيير الرقم السري عند استلامك الرقم السري للمادة

قم بكتابة الرقم السري الجديد وإعادة كتابته في الخانتين الموضحة أدناه ومن ثم الضغط على

Update with new values

The screenshot shows the mylabs plus login interface. The header includes the mylabs plus logo, the KAUST logo, and the text 'Academics PSH'. Below the header, there is a navigation bar with 'October 19, 2009', 'Welcome . 1030767', and links for 'My Profile', 'Help', and 'Signoff'. The main content area contains a login form with three input fields: 'e-mail address' (containing 'math110@kau.edu.sa'), 'password' (masked with dots), and 'verify password' (masked with dots). Below these fields is a button labeled 'Update with new values'. Three red circles with arrows point to specific elements: one circle around the 'password' field is labeled 'كتابة رقم سري جديد' (Write new password), another circle around the 'verify password' field is labeled 'إعادة كتابة الرقم السري الجديد' (Re-enter the new password), and a third circle around the 'Update with new values' button is labeled 'عند الإنتهاء اضغط هنا' (Click here when finished).

اضغط على Math 110 للدخول

The screenshot shows the mylabs plus course list page. The header is identical to the previous page. The main content area is titled 'Course List' and contains a section for 'Fall Semester 2010 - 30/31' under the 'Faculty of Mathematics'. A link labeled 'Math 110 54-MATH-110-NA' is highlighted. A red circle with an arrow points to this link, labeled 'أضغط هنا' (Click here). Below the course list is an 'Admin Message Center' section with the text 'There are no messages in the Administrative Message Center.' The browser's status bar at the bottom shows 'Done', 'Internet', and '100%'.

التعرف على الصفحة الرئيسية للمادة

7

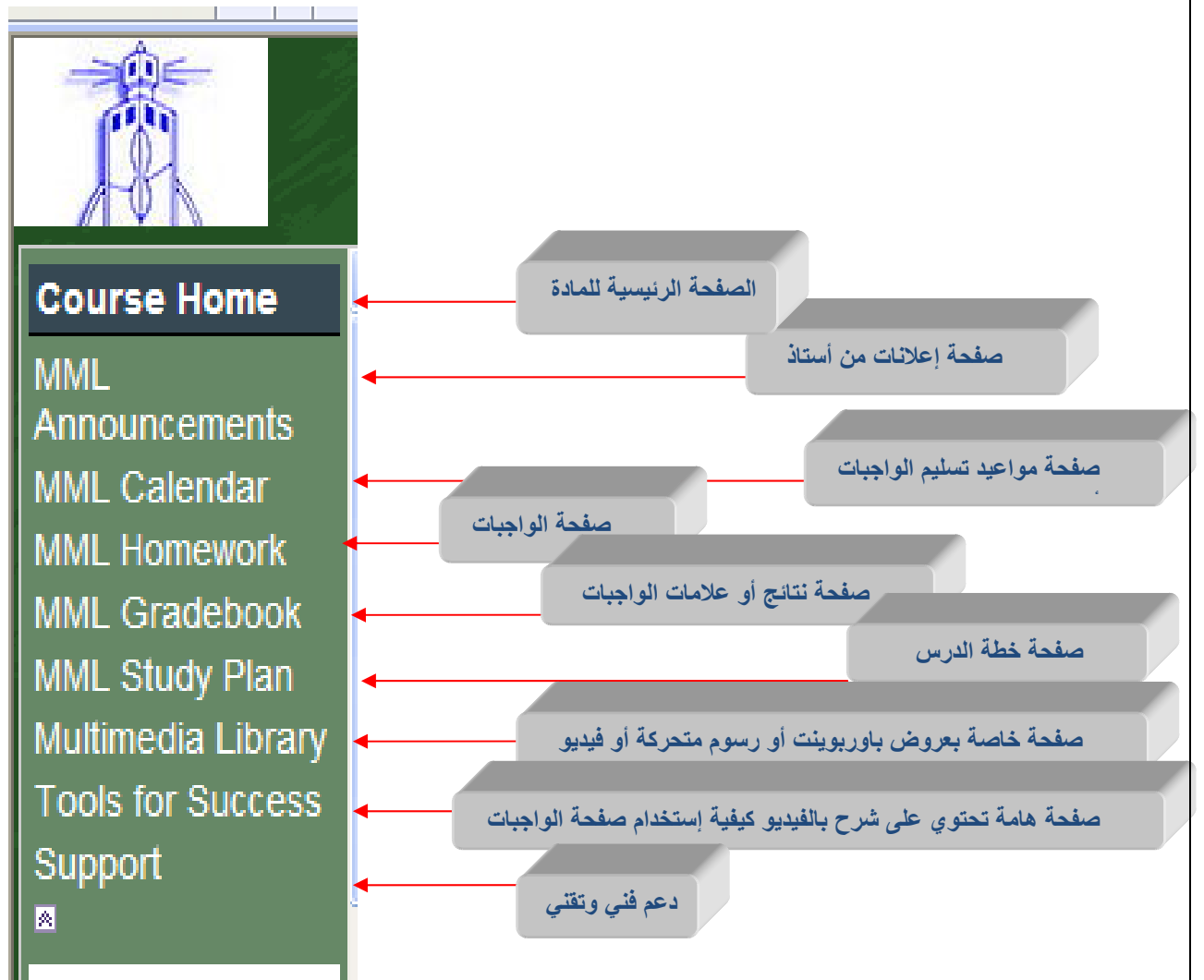
The screenshot shows the MyMathLab Course Home page. On the left is a navigation menu with links: Course Home, MML Announcements, MML Calendar, MML Homework, MML Gradebook, MML Study Plan, Multimedia Library, Tools for Success, and Support. Below these are links for Chapter 1 through Chapter 5. The main content area is titled 'Course Home' and includes an 'Announcements' section with a table of announcements. Below the announcements is a welcome message and a list of important instructions.

Announcement	Submitter	Date/Time *
Expand All		
Cong	Salma Al-Tuwairqi	10/18/2009 12:00 AM
Important	Salma Al-Tuwairqi	10/18/2009 12:00 AM

Welcome to MyMathLab for Thomas' Calculus Media Upgrade, 11/e, by Weir, Hass, and Giordano!

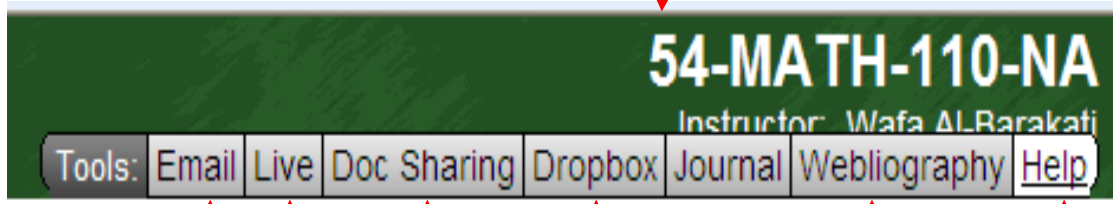
Before you begin working:

- IMPORTANT!: Run the [MyMathLab Browser Check](#) to make sure you have all the components you need to view the exercises and multimedia in your course.
- Watch the [How to Enter Answers Using the MathXL Player](#) tour for guidance on entering math notation when you're working on a homework assignment, quiz, or practice exercise in MyMathLab.



رمز المادة - رقم المادة - الشعبة

اقرأ أسفل الصفحة (ملاحظة)



صفحة
تشاتنج
مع
الطلبة

صفحة
لإرسال
بريد

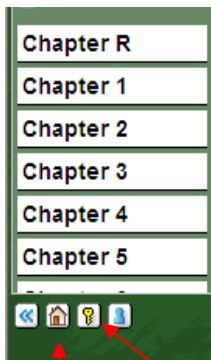
صفحة
للرفع
ملفات
ومشاركتها
مع الطلبة

صندوق
الرسائل
المرسلة
من أستاذ
المادة لأداء
مهمة

للبحث
في
الإنترنت

صفحة
رفع
مجلات
علمية

شرح
إستخدام
كتاب
Calculus
إلكترونياً



للخروج
من
المادة

للخروج من
النظام أو الموقع

أبواب الكتاب مع الواجبات
والامتحانات التجريبية مع عروض
باوربوينت وفيديو ورسوم متحركة

ملاحظة :

٥٥ طلاب انتظام - ٥٦ طالبات انتظام

٣٣ طلاب السنة التحضيرية- ٣٤ طالبات السنة التحضيرية

٥٣ طلاب تأهيلي- ٥٤ طالبات تأهيلي

Course Home

Announcements

Announcement	Submitter	Date/Time *
Cong	Salma Al-Tuwairqi	10/18/2009 12:00 AM
Important	Salma Al-Tuwairqi	10/18/2009 12:00 AM

Welcome to MyMathLab for *Thomas' Calculus Media Upgrade, 11/e*, by Weir, Hass, and Giordano!

Before you begin working:

- IMPORTANT!** Run the [MyMathLab Browser Check](#) to make sure you have all the components you need to view the exercises and multimedia in your course.
- Watch the [How to Enter Answers Using the MathXL Player](#) tour for guidance on entering math notation when you're working on a homework assignment, quiz, or practice exercise in MyMathLab.

إعلانات هامة من أستاذ المادة
اضغط لفتح الإعلان وقراءة ما فيه

لأول إستخدام ستظهر لوحة حقوق ملكية لشركة بيرسون إقرأ الحقوق واضغط على

I Accept

GENERAL INFORMATION ABOUT THE PRIVACY POLICY FOR PEARSON EDUCATION WEB SITES AND OTHER ONLINE RESOURCES

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Pearson Education Subscription and End-User License Master Agreement

Please print and keep a copy of this Subscription and End-User License Agreement ("Agreement"). Use of the Website constitutes acceptance of this Agreement. If you do not agree to abide by the terms and conditions of this Agreement, please do not become a Subscriber of a Pearson Education Website. Pearson Education may

[I Decline](#) [I Accept](#)

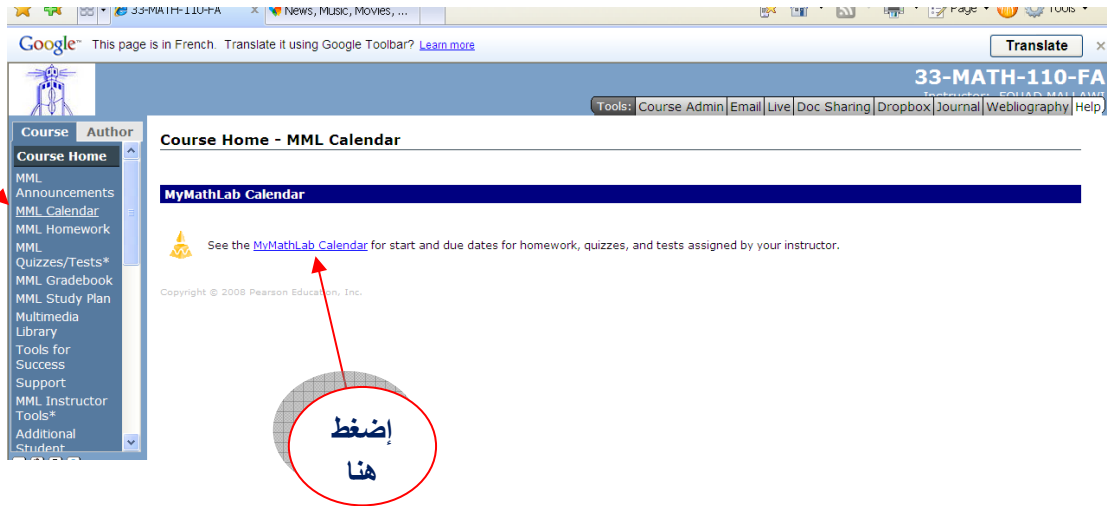
اضغط هنا

وأيضاً ستظهر لوحة لأول مرة لكتابة Access code موجودة في الورقتين المرفقة مع الكتاب -الرجاء كتابة الأكسس كود كما هو في الأمكنة المخصصة ومن ثمّ إضغط على next

The screenshot shows a web browser window with the title 'Product Selection'. The page has a blue header bar with 'Product Selection' and a 'Tools' menu. Below the header, there's a section titled 'Enrollment Options' with a blue bar. The text below says 'You can access your course using an access code, or you can buy online.' There are two radio buttons: 'Access Code' (selected) and 'Buy Now'. Under 'Access Code', there's a red asterisk and the text 'Enter Your Access Code'. Below this is a form with six input boxes separated by hyphens. A red box highlights the first input box. A link 'Switch to a single box for pasting your access code' is below the first box. To the right, there's a yellow box with the text 'Example SIMPLE-FRILL-TONLE-WEIRS-CHOIR-FLEES'. Below the form, there's a large red box, a 'Cancel' button, and a 'Next' button with a right arrow. A red box highlights the 'Next' button. At the bottom, there's a copyright notice 'Copyright Pearson Education, 1997-2009' and links for 'Customer Technical Support', 'Privacy Policy', and 'License Agreement'.

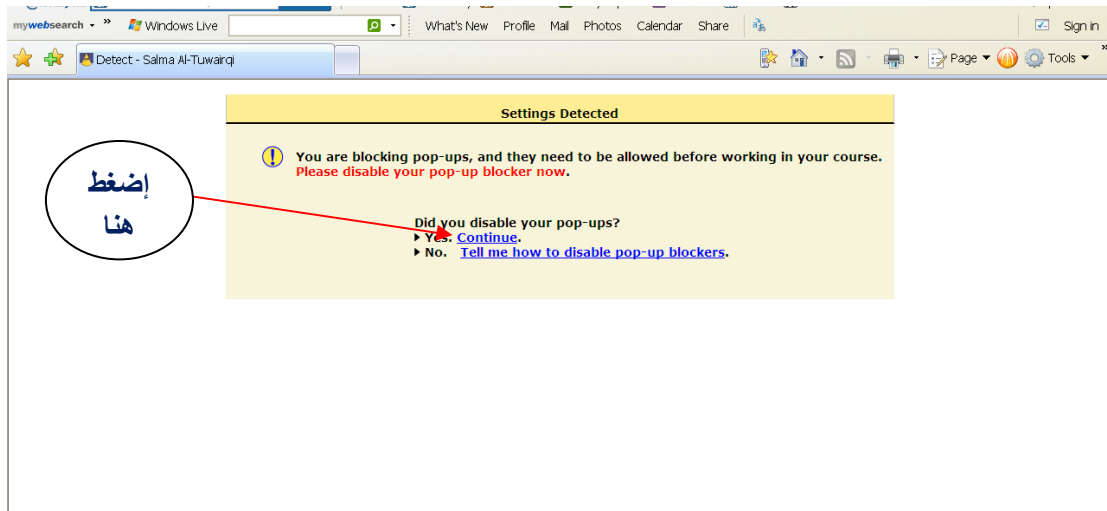
Example
SIMPLE-FRILL-TONLE-WEIRS-CHOIR-FLE

لمعرفة مواعيد الواجبات اضغط على الصفحة الرئيسية MML Calender ستظهر صفحة موضح أدناه اضغط على MyMathLab Calender



ملاحظة:

إذا ظهرت مثل هذه الصفحة فقط اضغط continue وإذا لم تظهر
انتقل للخطوة ١١



للانتقال إلى شهر ما
قبل الشهر الحالي

October 2009						
Previous Month						Next Month
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	1	2	3
4	5	6	7	8	9	10 Available
11	12	13	14	15	16	17
18	19	20	21	22	23	24

للانتقال إلى شهر ما
بعد الشهر الحالي

10
Available

هام
دلالة على توفر الواجبات

ستظهر كل الواجبات المتاحة يمكنك الضغط على كل واجب لفتح

عند الإقتراب بال مؤشر من
الصفحة

October 2009						
Previous Month						Next Month
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	1	2	3
4	5	6	7	8	9	10 Available
11	12	13	14	15	16	17
18	19	20	21	22	23	24

الواجبات
المتاحة

في التقويم ستظهر علامة due وهذا معناه موعد تسليم الواجب- إذا إقترب المؤشر من الموعد ستظهر فقط الواجبات المفترض تسليمها في هذا الموعد – كما موضح أدناه

4	5	6	7	8	9	10
						Available
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
					Due	
					Fri October 30	HW1 (Due)
					Homework	HW2 (Due)

Calendar - Salma Al-Tuwairqi						
Calendar						
Today is Monday October 19, course time is 2:39pm						
Previous Month	October 2009					Next Month
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	1	2	3
4	5	6	7	8	9	10
						Available
11	12	13	14	15	16	17
18	19	20	21	22	23	24

لتفسير كل
الرموز في
الموقع-
إضغط هنا

للطباعة

الرموز

تفسير الرموز

gray text	gray text	gray text	gray text	text	
					The assignment score is not included in Gradebook averages.
*	*	*	*	*	The score has been changed or was submitted by the instructor. (In the Gradebook)
(*)	(*)	(*)	(*)	(*)	The question is not available in the Study Plan. (In the list of available questions)
!	!	!	!	!	The assignment has essay questions that need to be graded by an instructor.
--	--	--	--	--	The instructor omitted the score from the Gradebook. In some cases, the double-dash may also indicate an ungraded essay question.
⌚	⌚	⌚	⌚	⌚	The course time. Roll your mouse over this icon to see the time.
▶	▶	▶	▶	▶	Prerequisite information is available for this assignment.
♦	♦	♦	♦	♦	A member course managed by a coordinator course.
📅	📅	📅	📅	📅	A homework assignment, as categorized in the Gradebook.
📅	📅	📅	📅	📅	A test, as categorized in the Gradebook.
📅	📅	📅	📅	📅	A quiz, as categorized in the Gradebook.
📅	📅	📅	📅	📅	The assignment is categorized as Other (for example, an offline assignment) in the Gradebook.
🎓	★	★	🎓	★	In the Study Plan, mastered - all test and quiz questions were answered correctly for this content area.
✎	←	←	✎	←	In the Study Plan, more study needed - at least one quiz or test question was answered incorrectly for this content area.
✅	✅	✅	✅	✅	In the Study Plan, the student has answered the practice questions correctly

Contents

- Welcome
- Getting started
- Preparing to work in your course
- Finding course resources
- Doing assignments
- Doing practice work
- Using players
- Tracking your results
- Getting help and support

Contents

- Index
- Search
- Favorites



في

لإغلاق الصفحة والرجوع إلى الصفحة الرئيسية نضغط على الزاوية الأعلى من الصفحة

للدخول لصفحة الواجبات نضغط في الصفحة الرئيسية للمادة على قائمة الواجبات كما موضح أدناه

54-MATH-110-
Instructor: Wafa Al Bar

Tools: Email Live Doc Sharing Dropbox Journal Webliography

Course Home - MML Calendar

MyMathLab Calendar

See the [MyMathLab Calendar](#) for start and due dates for homework, quizzes, and tests assigned by your instructor.

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Chapter R

Chapter 1

Chapter 2

Chapter 3

Chapter 4

إضغط هنا

Tools: Email | Live | Doc Sharing | Dropbox | Journal | We

Course Home - MML Homework

MyMathLab Homework

Do [homework](#) assigned by your instructor.

Copyright © 2008 Pearson

ومن ثم اضغط هنا

إختبارات تجريبية

التعرف على صفحة الواجبات

17

تعيين إختبارات تجريبية
او الواجبات بالفصول

Homework and Tests: Homework

Show All Homework Quizzes & Tests Chapters

All Homework Assignments

Due	Assignment	Time Limit	Attempts	Gradebook Score
10/30/09 11:59pm	HW1			
10/30/09 11:59pm	HW2			
11/06/09 11:59pm	HW3			
11/06/09 11:59pm	HW4			
11/13/09 11:59pm	HW5			
11/13/09 11:59pm	HW6			
11/20/09 11:59pm	HW7			

الواجبات

موعد تسليم الواجب

عدد محاولات حل الواجب

درجة الواجب

إضغط على صفحة Quizzes and Tests

18

Homework and Tests: Quizzes & Tests

Legend

Show All Homework Quizzes & Tests Chapters

Your instructor has not created any quizzes or tests for you.

☒ View Sample Tests below (if available)

☒ Do practice questions in the [Study Plan](#)

Sample Tests and Quizzes

Sample tests and quizzes can be taken for practice or to build your study plan. Sample tests and quizzes do not affect your grade.

Sample Tests and Quizzes	Attempts	Gradebook Score
Chapter 1-A	0 of ∞	
Chapter 1-B	0 of ∞	
Chapter 2-A	0 of ∞	
Chapter 2-B	0 of ∞	
Chapter 3-A	0 of ∞	
Chapter 3-B	0 of ∞	
Chapter 4-A	0 of ∞	

إضغط على كل فصل للحصول على إختبارات تجريبية

عدد لا نهائي من المحاولات

العودة لصفحة الواجبات homework

19

Homework and Tests - 1030767 - Windows Internet Explorer

http://www.mathxl.com/Student/DoAssignments.aspx?xproduct=3&view=Homework

File Edit View Favorites Tools Help

Google Search

mywebsearch

Homework and Tests: Homework

Show All Homework Quizzes & Tests Chapters

All Chapters Go

Assignments 1 - 20 of 27 View All 27 on one page Next

Due	Assignment	Time Limit	Attempts	Gradebook Score
10/30/09 11:59pm	HW1			
10/30/09 11:59pm	HW2			
11/06/09 11:59pm	HW3			
11/06/09 11:59pm	HW4			
11/13/09 11:59pm	HW5			
11/13/09	HW6			

إضغط هنا لفتح الواجب الأول

صفحة الأسئلة (تحتوي هذه الصفحة على 4 أسئلة) إضغط على السؤال للبدء في الحل

20

Homework Overview

Legend

Name HW1

Due 10/30/09 11:59pm

Last Worked

Current Score 0% (0 points out of 4)

Number of times you can work each question: 3

عدد محاولات حل كل سؤال: 3

Questions: 4	Scored: 0	Correct: 0	Partial Credit: 0	Incorrect: 0
Question 1 (0/1)				
Question 4 (0/1)				
				Question 3 (0/1)

إضغط هنا للبدء في الحل

MyMathLab Homework: HW Salma Al-Tuwairi Overview

Exercise Score: 0 of 1 pt Assignment Score: 0% (0 of 4 pts) 0 of 4 complete

Question 1.1.7

Solve. Then graph.

$$-9y + 6y \geq -6$$

The solution is (y |).
(Type an inequality symbol, then type an integer.)

Help Me Solve This
View an Example
Textbook
Calculator
Print

ورقة الحل

رموز رياضية لاستخدامها في الحل

للإنتقال من سؤال لآخر

2 parts remaining

Clear All Check Answer Save

مسح الكتابة

للتأكد من الجواب

حفظ الحل

ملاحظة: بعد حفظ الحل لا تستطيع تغيير

طلب مساعدة لحل السؤال

أمثلة مساعدة لحل

كتاب للمساعدة

آلة حاسبة

للطباعة

Help Me Solve This

View an Example

Textbook

Calculator

Print

إبدأ في كتابة الحل في الأجزاء المخصصة ومن ثم إضغط enter - ستظهر لوحات التالية

Exercise Score: 0 of 1 pt Assignment Score: 0% (0 of 4 pts) 0 of 4 complete

Question 1.1.7

Solve. Then graph.

$$-9y + 6y \geq -6$$

The solution is $(y | y \leq 3)$.
(Type an inequality symbol, then type an integer.)

Sorry, that's not correct.
To solve the inequality, you need to combine like terms and then use the multiplication principle. Remember to reverse the inequality symbol if you multiply or divide by a negative number.

Done

للإشارة على أن الحل غير صحيح
إضغط Done لتحاول مرة أخرى

Exercise Score: 0 of 1 pt Assignment Score: 0% (0 of 4 pts) 0 of 4 complete

Question 1.1.7

Solve. Then graph.

$$-9y + 6y \geq -6$$

The solution is $(y | y \leq 2)$.
(Type an inequality symbol, then type an integer.)

Good job!

OK

إشارة على أن الحل صحيح
إضغط ok

في أسئلة الخيارات قم باختيار الجواب ومن ثم إضغط enter

Exercise Score: 0 of 1 pt Assignment Score: 0% (0 of 4 pts) 0 of 4 complete

Question 1.1.7

Solve. Then graph.

$$-9y + 6y \geq -6$$

The solution is $(y | y \leq 2)$.
(Type an inequality symbol, then type an integer.)

Choose the graph of the solution.

☒ A.

☐ B.

☐ C.

☐ D.

Help Me Solve This
View an Example
Textbook
Calculator
Print

MyMathLab
Homework: HW1

Solve. Then graph.
 $-9y + 6y \geq -6$

The solution is $(y | y \leq 2)$.
(Type an inequality symbol; then type an integer.)

Choose the graph of the solution.

Fantastic!
OK

Click to select your answer, then click Check Answer.

All parts showing Clear All Check Answer Save

Help Me Solve This
View an Example
Textbook
Calculator
Print

إضغط هنا (١)

إضغط هنا (٢) لحفظ حلك

عند الإنتهاء من إحدى الواجبات ستظهر هذه اللوحة للدلالة على إكمال الأسئلة الأربعة بنجاح

23

Questions: 4	Scored: 4	Correct: 4	Partial Credit: 0	Incorrect: 0
✓ Question 1 (1/1)		✓ Question 2 (1/1)		✓ Question 3 (1/1)
✓ Question 4 (1/1)				

دلالة على أن حل السؤال خاطيء

Questions: 2

✗ Question 1 (0/1)

دلالة على أن إحدى فقرات السؤال الأول خاطيء

Questions: 5

✗ Question 1 (0.86/1)

Question 4 (0/1)

الرجوع الى الصفحة الرئيسية والتعرف على صفحة MML Study plan

Course Home - MML Study Plan

MyMathLab Study Plan

Open your [study plan](#) to see your progress and do practice exercises. Your study plan is updated each time you take a quiz or test.

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Course Home

- MML Announcements
- MML Calendar
- MML Homework
- MML Gradebook
- MML Study Plan**
- Multimedia Library
- Tools for Success
- Support

Chapter R

Chapter 1

Chapter 2

Chapter 3

Chapter 4

Chapter 5

Study Plan

Click a chapter below to start practicing, or follow these steps to create a personalized study plan.

- Take a [sample test](#) or an [assigned test or quiz](#). Then return to this page.
- Practice the questions in the topics you need to study.
- When you have answered all questions correctly, take another [sample test](#) or an [assigned test or quiz](#) to prove mastery.

[Learn More](#)

Show All Show What I Need to Study

[Jump to where I worked last](#)

Book Contents for All Topics	Correct	Worked	Questions	Time Spent
Ch 0: Orientation Questions for Students			8	
Ch 1: Preliminaries			79	
Ch 2: Limits and Continuity			116	
Ch 3: Differentiation			146	
Ch 4: Applications of Derivatives			113	
Ch 5: Integration			108	
Ch 6: Applications of Definite Integrals			83	
Ch 7: Transcendental Functions			156	
Ch 8: Techniques of Integration			136	

Internet 100%

Course Home - Multimedia Library

Multimedia Library

Open the class [Multimedia Library](#) to view the multimedia resources available for your textbook.

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هنا (١) اضغط

اضغط هنا (٢)

قم بالعمليات (١) ، (٢) ، (٣) ، و (٤) بالترتيب

Course Home

MML Announcements
MML Calendar
MML Homework
MML Gradebook
MML Study Plan
[Multimedia Library](#)
Tools for Success
Support

Chapter R
Chapter 1
Chapter 2
Chapter 3
Chapter 4
Chapter 5

Multimedia Library

Thomas' Calculus Media Upgrade, 11e

To view the multimedia resources available for your textbook, make your selection(s) below.

Chapter: All Chapters

Section: All Sections

Media Type:

☐ Select All

☐ Animation

☐ Biography

☐ History

☐ Multimedia Textbook

☐ Other Extras

☐ PowerPoint

☐ Project (Maple)

☐ Project (Mathematica)

☐ Video

Find Now

هنا (١) اضغط

اضغط هنا لإختيار فصل من الفصول (١)

اضغط هنا لإختيار الدرس (٢)

اضغط هنا (٤)

اضغط هنا لإختيار الكل (يتضمن باوربوينت- فيديو- متحرك- وغيره) (٣)

Course Home

- MML
- Announcements
- MML Calendar
- MML Homework
- MML Gradebook
- MML Study Plan
- Multimedia Library**
- Tools for Success
- Support

Chapter R

Chapter 1

Chapter 2

Chapter 3

Chapter 4

Chapter 5

Multimedia Library

Thomas' Calculus Media Upgrade, 11e

To view the multimedia resources available for your textbook, make your selection(s) below.

Chapter: 2. Limits and Continuity

Section: Section 2.6: Continuity

Media Type:

☒ **Select All**

☒ Animation

☒ Biography

☒ History

☒ Multimedia Textbook

☒ Other Extras

☒ PowerPoint

☒ Project (Maple)

☒ Project (Mathematica)

☒ Video

تظهر جميع الإمكانيات المتاحة للدرس- فقط اضغط لتشاهد

Course Home

- MML
- Announcements
- MML Calendar
- MML Homework
- MML Gradebook
- MML Study Plan
- Multimedia Library**
- Tools for Success
- Support

Chapter R

Chapter 1

Chapter 2

Chapter 3

Chapter 4

Chapter 5

Chapter 2. Limits and Continuity

Animation

[There Are Lots of Continuous Functions](#)

Other Extras

[Group Projects \(University of Washington\)](#)

Project (Maple)

[Take It to the Limit](#)

Video

[2.6 Continuity](#)

Multimedia Textbook

[2.6 Continuity](#)

PowerPoint

[Chapter 2 PowerPoint](#)

Project (Mathematica)

[Take It to the Limit](#)

التعرف على صفحة أدوات للنجاح (Tools for Success)

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Course Home - Tools for Success

Tools for Success

How do I enter answers? MyMathLab Student Help Pearson Tutor Center Course Information

Use the Chapter buttons to the left to see your assignments and explore the multimedia resources available for each access resources for your whole course.

- **3D Applets**
View the [3D Applets](#) corresponding to all of the multivariable chapters in the textbook.
- **Group Projects**
See the [Group Projects](#) associated with this textbook from the University of Washington.
- **Maple® and Mathematica® Modules**
See the Maple® and Mathematica® [modules](#) for this textbook.
- **Student Outlines**

هام : اضغط هنا لسماع شرح ومشاهدة طريقة كتابة الواجبات

لاستعراض أحد فصول الكتاب إلكترونياً ومشاهدة الأدوات المساعدة لكل فصل فقط إتبع ما يلي :

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54-MATH-110-NA
Instructor: Wafa Al Barakat

Unit 2: Chapter 1

Chapter 1: Preliminaries

Chapter Assignments

- Do the [chapter homework](#).
- Take the [chapter tests](#). Note that you can take any available sample chapter tests, even if your instructor has not assigned any tests.
- See your [chapter gradebook](#).
- Go to your [chapter study plan](#) to see your progress and do practice exercises. Your study plan is updated each time you take a test.

Chapter Opener
View the [Chapter Opener](#) from your textbook.

End of Chapter Material

إضغط على أحد فصول الكتاب (١)

ومن ثم إضغط هنا (٢)

http://media.pearsoncmg.com/aw/aw_thomas_calculus_11_upgrade/ebook/tcu11_flash_main.html?chapter=null&page=1&anchory=null&pst

George B. Thomas, Jr., Maurice D. Weir, Joel Hass, Frank R. Giordano

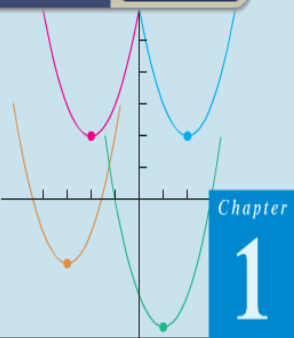
Thomas' Calculus Media Upgrade, Eleventh Edition

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Chapter 1: Preliminaries: 1.1 Real Numbers and the Real Line

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Contents



Chapter
1

PRELIMINARIES

OVERVIEW This chapter reviews the basic ideas you need to start calculus. The topics include the real number system, Cartesian coordinates in the plane, straight lines, parabolas, circles, functions, and trigonometry. We also discuss the use of graphing calculators and computer graphing software.

1.1 Real Numbers and the Real Line

This section reviews real numbers, inequalities, intervals, and absolute values.

Real Numbers

Much of calculus is based on properties of the real number system. **Real numbers** are numbers that can be expressed as decimals, such as

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تم بحمد الله