

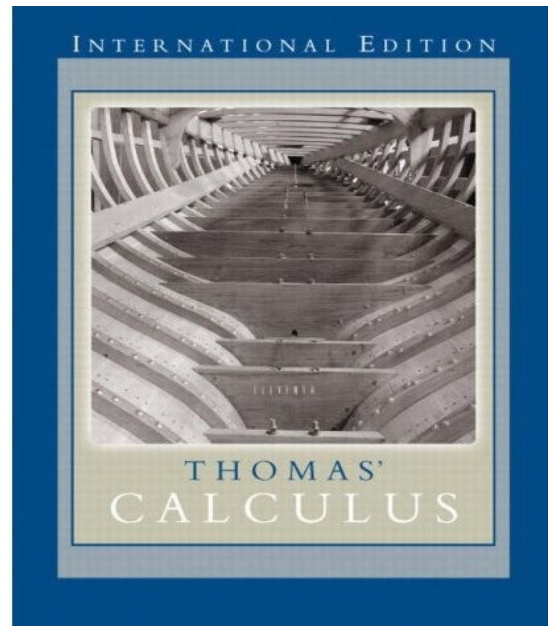


Introduction to the course
software
for Calculus 1 and 2

Queen Mary, University of London

Your text book...

- **Thomas' Calculus**, 11th Edition,
- Available in the University Bookshop - John Smiths (near Mile End tube station) for a reduced price of £34.
- The book will include a **access code for online registration** with Coursecompass, the access point for the course software



What is MyMathLab?

- The **main Maths software** for this module, powered by Coursecompass
- An online homework and tutorial system
- **Improves** problems solving skills & mathematical understanding
- **Personalised** study plan, giving you extra practise
- **Immediate** online feedback and tutoring
- **Improve** your grades

How will I be required to use MyMathLab in my course?

- Each week you will find two **types of assignments** in your online account:
 - **Exercises:** you can practice as much as you like
 - **Coursework:** will be marked online with immediate feedback and immediate access to your achieved grade.

Use of Computer Labs

- There are several **computer labs available on campus**
- For detailed information of
 - where to **find them**
 - how to **login to MyMathLab** from themsee the handout

Access from elsewhere

- You can connect to Coursecompass from your **own computer**
- However, for running MyMathLab you may have to **unblock any pop-ups.**
- This will **not be supported** by the College!
For some further information see later, and the handout.

How to Register for MyMathLab

To register, you will need:

- A valid email address / your student ID
- The access code found packaged with your textbook

(your access code will look something like this)

XLFGH-LKJHG-XXXXX-HKGKS-AKRJG

- Your **Course ID: klages30433**

Go to www.coursecompass.com and select 'Register' under Students.





MyLab Courses? You've Come to the Right Place!
Pearson MyLabs in CourseCompass are powerful tutorial and assessment products with ready-to-use tests and assignments, custom-built exercises, and automatic grading. [Read more...](#)

Access the World of Online Learning from MyPlaces
Connect to all your Pearson courses and resources from a single, handy list. [Read more...](#)

What's New
[In CourseCompass?](#) | [In MyLabs?](#)

 **Take a Tour**
[View List of Tours](#)

Returning Users:

LOG IN

[Forgot your login name/password?](#)

Students	Educators
Register	Register
Need Help?	Request Access

STUDENTS

Take a Tour 

How to Register
How to Buy Access
Getting Started
FAQ
Support

Welcome to CourseCompass, the online learning environment that helps you succeed in your MyLab or other course! CourseCompass offers you all the resources you need to get up and running in your courses. Here you'll find course announcements, syllabi, assignments, lecture notes, readings, videos, MP3s, tests, and more—everything you need to do your best.

For help getting started in CourseCompass, check on the links to the left, watch the [tours](#), visit our [Support page](#), or just log in and explore!

EDUCATORS

Take a Tour 

How to Request Access
How to Register
Getting Started
Available Courses 
FAQ
Support

CourseCompass is a dynamic, interactive online learning environment. CourseCompass delivers powerful MyLabs and other courses that provide proven, effective tutorials and assessments for industry-leading Pearson textbooks. You can easily create a course and customize it with your own materials. And you can count on Pearson to offer the best tools available to help students succeed in your courses.

For help getting started in CourseCompass, check on the links to the left, watch the [tours](#), visit our [Support page](#), or just log in and explore!

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Registering for MyMathLab

Enter your **Course ID: klages30433**

and the **Access Code** from your textbook.

CourseCompass™
Gateway To Your Online College Courses

PEARSON

Home Log In Take A Tour Support

Before You Start What would you like to do?

I would like to:

- Get access to a new course.
- Continue a course, re-take a course, or switch to a different course section.

You will need the following to register:

Email Address
Use your school email address, or get an email address from a free online service, such as Yahoo or Gmail.

Course ID
(For Example: Lastname1234)
Provided by your instructor. The course ID is unique for each course.

A Student Access Code OR **Valid Credit Card**
(For Example: ABACUS-CANAL-PRIDE-STONY-MOULD-LUCKY)
Provided with your textbook or in a Student Access Card/Kit available from your campus bookstore. If you do not have an access code, you can purchase access with a credit card or PayPal account.

Ready to Register? Click

After you register/enroll, you may login and view your courses at www.coursecompass.com. Learn more about [Getting](#) with CourseCompass.

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Course ID

Your instructor will give you a Course ID. Enter it in the box.

* Course ID **Find Course**

Sample Course ID: Lastname63298

Enrollment Options

* Enter Your Access Code

- - - - -

[Switch to a single box for pasting your access code](#)

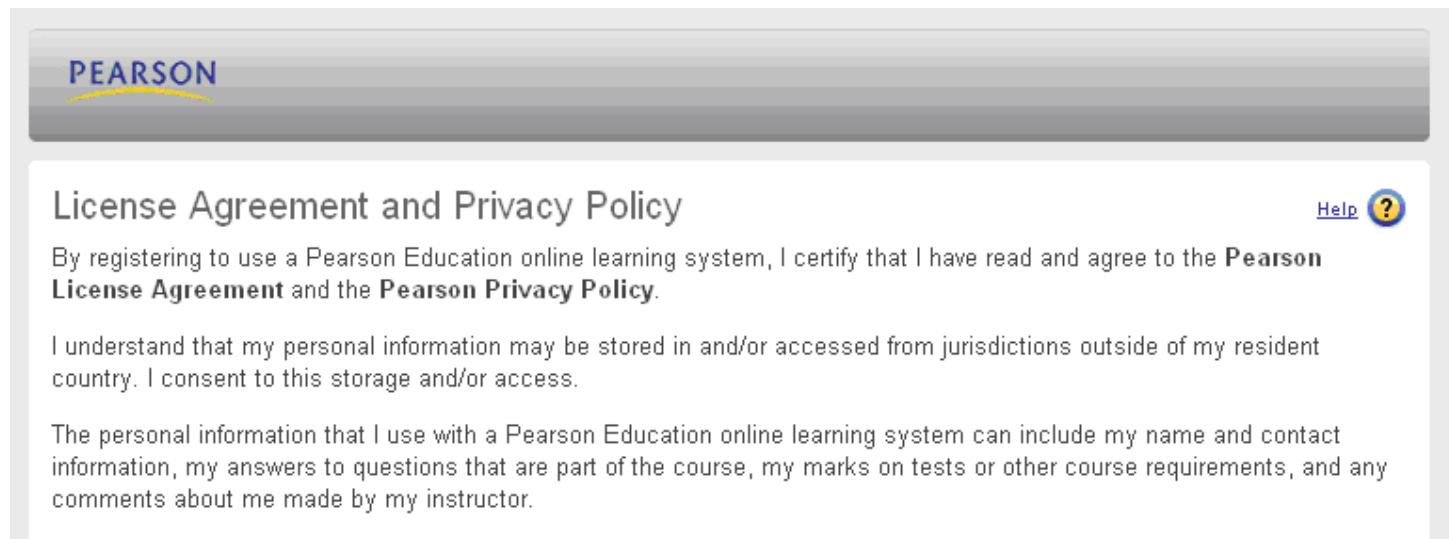
Example
SIMPLE-FRILL-TONLE-WEIRS-CHOIR-FLEES

Cancel **Next**

Registering for MyMathLab

Review the **License Agreement** and **Privacy Policy**,

Click the  button to continue



The screenshot shows a web page with a grey header containing the Pearson logo. Below the header, the title "License Agreement and Privacy Policy" is displayed in a dark grey font, with a "Help" link and a question mark icon to its right. The main content area contains three paragraphs of text in a smaller, dark grey font. The first paragraph states that by registering, the user certifies they have read and agree to the Pearson License Agreement and the Pearson Privacy Policy. The second paragraph states that the user understands their personal information may be stored in and/or accessed from jurisdictions outside of their resident country and they consent to this. The third paragraph states that the personal information used with a Pearson Education online learning system can include the user's name and contact information, answers to questions, marks on tests, and comments made by the instructor.

PEARSON

License Agreement and Privacy Policy [Help ?](#)

By registering to use a Pearson Education online learning system, I certify that I have read and agree to the **Pearson License Agreement** and the **Pearson Privacy Policy**.

I understand that my personal information may be stored in and/or accessed from jurisdictions outside of my resident country. I consent to this storage and/or access.

The personal information that I use with a Pearson Education online learning system can include my name and contact information, my answers to questions that are part of the course, my marks on tests or other course requirements, and any comments about me made by my instructor.

Registering for MyMathLab

On the **Access Information** page, you will be asked if you have a Pearson Education account.

- Select **No** and enter your Login Name (please use your student number as listed on your QMUL student ID card)
- Enter and then re-type your password



The screenshot shows the 'Access Information' page for MyMathLab. At the top, it features the Pearson logo and 'CourseCompass™ Powered by Blackboard™'. Below this, the page title 'Access Information' is displayed, along with links for 'Fields are required', 'Video Tutorial', and 'Help'. The MyMathLab logo is also present, with a note that it 'Includes MyStatLab'. A blue bar asks 'Do you have a Pearson Education account?' with a question mark icon. Below this, there are three radio button options: 'Yes', 'No' (which is selected), and 'Not Sure'. The 'No' option leads to a registration form with three fields: 'Create a Login Name', 'Create a Password', and 'Re-type your Password'. Each field has a text input box and a corresponding instruction. The 'Create a Login Name' instruction says 'Create a login name and password. Choose something that is easy to remember.' The 'Create a Password' instruction says 'Your password cannot be the same as your login name.' The 'Re-type your Password' instruction says 'Create a password. It must be at least 8 characters with at least one letter and one number. See acceptable characters.' At the bottom right, there are three buttons: 'Back', 'Cancel', and 'Next'.

Registering for MyMathLab

- Type your **First Name** in the 'First Name' field. Type your **Last Name** in the 'Last Name' field.
- Type your **email address** (carefully!)
- Select your **Country, University** name
- Select a **Security question** and enter your answer
- Click **Next** to submit your registration

The screenshot shows a registration form with the following sections:

- Personal Information**: Includes fields for *First Name, *Last Name, *Email Address, and *Re-type Your Email Address. A note states: "Instructors might send course information to your email address. Important subscription and system information will also be sent to you."
- School Location**: Includes a *School Country dropdown menu.
- Security Question**: Includes a note "If you contact us, we will ask you this question to confirm your identity.", a *Security Question dropdown menu, and a *Your Answer text field.
- May we contact you?**: Includes a checked checkbox for "Let me know about other Pearson Education products and services to help me succeed."

Navigation buttons at the bottom are Back, Cancel, and Next. A yellow callout box with an information icon contains the tip: "tip: If your University/school is not listed, scroll to the bottom of the drop-down list and select Other. Enter your school name in full."

A Confirmation and Summary page displays, indicating your registration is successful!

A copy of the information will also be sent to the email you entered

■ You are now ready to log into your course.

■ Select **Login now** or go direct to the CourseCompass home page

The screenshot displays the 'Confirmation & Summary' page for MyMathLab. The page is titled 'PEARSON CourseCompass™ Powered by Blackboard™' and includes a 'Print This Page' button. The main content area states: 'You have subscribed to a Pearson Education online product. A confirmation email for your records.' Below this, there are sections for 'CourseCompass' with a 'Log In Now' button, and 'You also have access to...' which lists 'Pearson Education's Research Navigator' with its own 'Log In Now' button. A section titled 'About Your Transaction' provides details: 'Transaction Date: Fri Dec 19 05:43:56 EST 2008', 'Order ID: 31112068', and 'Email Address: jo.cairns@pearson.com'. On the right side, there is a 'Register' button and a 'Log in' button. Below these, a 'MyMathLab' banner features a navigation menu (Product Info, Books Available, Success Stories, Tours & Training, News & Events, Support) and a main content area with a headline: 'The increase in student success is 27%. Students who would have been lost with a 'D' or an 'F' are now passing the course.' This is followed by a 'What's New' section listing updates for June 2009, compatibility with Microsoft Internet Explorer 8, a Latin American version, and new features for January 2009. A 'Take a tour of MyMathLab' button is also present. The footer contains the Pearson logo and copyright information: 'Copyright © 2008 Pearson Education. All rights reserved. Addison-Wesley and Prentice Hall are imprints of Pearson. Legal Notice | Privacy Policy | Permissions | MyMathLab is in no way sponsored by or affiliated with The Mathworks, Inc. or its software MATLAB®.'

Select the Course Link for Course ID: klages30433 to enter the materials:

myPEARSON CourseCompass

Hello, Rainer Klages (not you?) [My Account](#) [Help & Support](#) [Log Out](#)

My CourseCompass

Courses [Settings](#) [?](#)

[Create/Copy Course](#)

[MTH4100 Calculus 1 2008/09](#)
Course ID: klages27215 [Details](#)
Students Enrolled: 1

[proto MTH4100 Calculus 1 2008/09](#)
Course ID: klages42848 [Details](#)
Students Enrolled: 0 ([How Students Enroll](#))

[MAS115 QMUL 2008/9](#)
Course ID: klages00074 [Details](#)
New Version Available

Announcements [Settings](#) [?](#)

General Announcements

[CourseCompass Summer '08 Upgrades Now Available](#) Jul 31, 2008

[New Feature: MyPlaces](#) Mar 31, 2008

View:

[MAS115 QMUL 2008/9](#) [Manage](#)

[MTH4100 Calculus 1 2008/09](#) [Manage](#)

[proto MTH4100 Calculus 1 2008/09](#) [Manage](#)

Need Help? [?](#)

- [Getting Started with CourseCompass](#)
- [Teaching with CourseCompass](#)
- [Support Center](#)

Products & Resources

See all your Pearson products in one place.

Instructor Resource Center
Find online resources available exclusively for instructors

Research Navigator.e-in
Get help writing a research paper, and access premium online resources.

TestGen
Learn about TestGen

Download the TestGen plug-in to administer tests online

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Any Assignments you are set will sit in the 'Do Exercises' and 'Do Coursework' folders

The screenshot shows the My CourseCompass interface. At the top, there is a navigation bar with the My CourseCompass logo and a user greeting: "Welcome, Jo Cairns (not you?)". Navigation links include "Courses", "Help & Support", "About", "My Account", and "Logout".

On the left side, there is a vertical menu with buttons for "Announcements", "DO EXERCISES", "DO COURSEWORK", "Gradebook", "Study Plan", "Chapter Contents", "Check Your Software", "Chapter Contents", "Check Your Software", "Chapter Contents", "Check Your Software", and "Staff Information".

The main content area displays the course path: "COURSES > MTH4100 CALCULUS I 2008/09 > ANNOUNCEMENTS". Below this is a banner for "PEARSON Addison Wesley MyMathLab THOMAS' CALCULUS MEDIA UPGRADE 11e Weir, Hass, Giordano".

There are four view buttons: "VIEW TODAY", "VIEW LAST 7 DAYS", "VIEW LAST 30 DAYS", and "VIEW ALL". The date range for the announcements is "September 09, 2008 - September 16, 2008".

The announcements list includes:

- Thu, Sep 04, 2008 -- Online Coursework** (Posted by Rainer Klages)
Please note that coursework sets have to be worked on in one sitting and have to be SUBMITTED explicitly. Otherwise you risk being blocked out of the system. If this happens, please contact Kevin Beurle at K.Beurle@qmul.ac.uk. E-mails regarding technical issues to me will only be forwarded to him, so you will get a quicker response if you email him directly. Please beware that while coursework 1 has 10 questions only, further courseworks will generally have 20 questions. Therefore you must allow sufficient time for working on it.
- Thu, Sep 04, 2008 -- MTH4100 Course Web Page** (Posted by Rainer Klages)
Please check for MTH4100 Calculus I details on the [course webpage](#).
- Thu, May 05, 2005 -- Welcome to MyMathLab for Thomas' Calculus Media Upgrade, 11/e, by Weir, Hass, and Giordano!** (Posted by Blackboard Administrator)
Your first step is to run the [MyMathLab Installation Wizard](#). The wizard walks you through installing the plug-ins and players you need to access the multimedia content in your course.
- Thu, May 05, 2005 -- Take a tour!** (Posted by Blackboard Administrator)
The [How to Enter Answers Using the MathXL Player](#) tour walks you through how to enter math notation when you're working on a homework assignment, quiz, or practice exercise in MyMathLab.

At the bottom, there is a "POWERED BY Bb Blackboard" logo and copyright information: "CourseCompass Blackboard Learning and Community Portal System™ (Release 6) - 6.2.3.23 Copyright © 1997-2003 Blackboard Inc. Patents Pending. All rights reserved. Accessibility information can be found at <http://access.blackboard.com>."

Personalised Study plan

Sample Tests to practice and build your study plan

MathXL

Home Help Support Browser Check Log Out
MXL Student 7/9/09 11:46 AM

Croft > STUDY PLAN

My Courses

Student

Course Home

Calendar

Homework and Tests

Results

Study Plan

Study Plan Legend

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

- 1 Take a [sample test](#) or an [assigned test or quiz](#). Then return to this page.
- 2 Practice the questions in the topics you need to study.
- 3 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

MathXL

Home Help Support Browser Check Log Out
MXL Student 7/9/09 11:49 AM

Croft > HOMEWORK AND TESTS

My Courses

Student

Course Home

Calendar

Homework and Tests

Results

Study Plan

Homework and Tests: Quizzes & Tests Legend

Show All Homework Quizzes & Tests Chapters

Your instructor has not created any assignments for you.

- View available [Sample Tests and Quizzes](#)
- 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 24-A	0 of ∞	
Chapter 16-B	0 of ∞	
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 ∞	
Chapter 4-B	0 of ∞	
Chapter 5-A	0 of ∞	
Chapter 5-B	0 of ∞	
Chapter 6-A	0 of ∞	

MathXL

Home Help Support Browser Check Log Out
MXL Student 7/9/09 11:49 AM

Croft > STUDY PLAN

My Courses

Student

Course Home

Calendar

Homework and Tests

Results

Study Plan

Book Contents for All Topics

- Ch 1: Arithmetic of whole numbers
- Ch 2: Fractions
 - 2.1 Introduction
 - 2.2 Expressing a fraction in equivalent forms
 - 2.3 Addition and subtraction of fractions
 - 2.4 Multiplication of fractions
 - 2.5 Division by a fraction
- Ch 3: Decimal fractions
- Ch 4: Sets
- Ch 5: Percentage and ratio
- Ch 6: Algebra
- Ch 7: Indices
- Ch 8: Number bases
- Ch 9: Elementary logic
- Ch 10: Simplifying algebraic expressions
- Ch 11: Exponentiation

A typical question:

The screenshot shows a web browser window displaying a math practice page. The page title is "Practice: 29.2 The product rule". The browser address bar shows "http://www.mathxl.com - Study Plan Practice - Alison Borg - Microsoft Internet Explorer". The page has a navigation bar with "Study Plan Overview" and "Back to Study Plan" buttons. Below the navigation bar is a row of exercise numbers from 1 to 10, with 1 highlighted. The main content area contains a question: "Use the product rule to differentiate $x^4 \sin x$ ". Below the question is a blue-outlined box for the answer, containing the expression $\frac{dy}{dx} = \square$. To the left of the answer field is a calculator interface with buttons for "UNDO", basic arithmetic, square root, and a "More ?" button. To the right of the question and answer field is a sidebar with buttons: "Help Me Solve This", "View an Example", "Textbook Pages", and "Print...". A yellow callout box with the text "Live online tutoring" has an arrow pointing to the "Help Me Solve This" button. At the bottom of the page, there are "Check Answer" and "Clear Answer" buttons, and a "Problem Progress" indicator. The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 13:20.

Practice: 29.2 The product rule

Exercises << 1 2 3 4 5 6 7 8 9 10 >>

Use the product rule to differentiate $x^4 \sin x$.

$\frac{dy}{dx} = \square$

Question

Answer field

Help Me Solve This

View an Example

Textbook Pages

Print...

Live online tutoring

Check Answer Clear Answer

Problem Progress

Done Internet

Start MathX... My Do... Drafts... Media... http://... CROF... Prese... 13:20

Example Question

Graphing Tool

MathXL

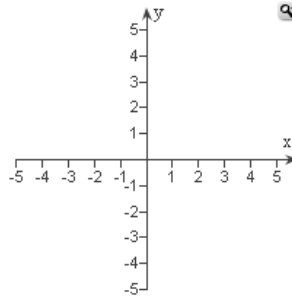
17.1 The x-y plane

1 2

Question 17.1.1

0 correct | 0 of 2 complete

Plot and label the following points in the $x-y$ plane: A(2, 2), B(0, 4), C(-3, -3), D(5, -2), E(1, -3).
(Use the graphing tool to graph the points. After plotting the points, click on the "???" to choose the label.)



To pop up your graph, click the Click to enlarge graph button.

All parts showing

Clear All

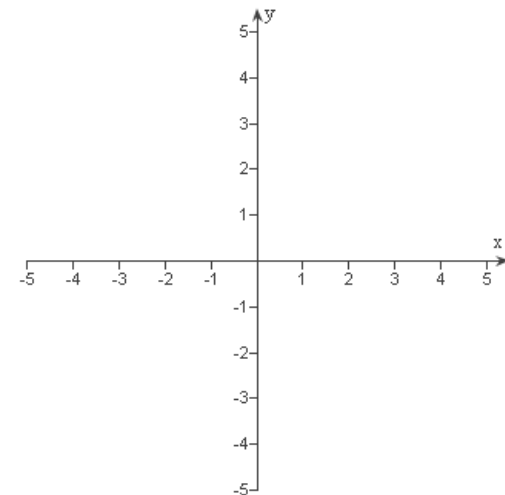
Check Answer

Close

- Help Me Solve This
- View an Example
- Textbook
- Ask My Instructor
- Print

Normal Medium Maximize

Choose a tool in the palette and follow instructions to create your graph

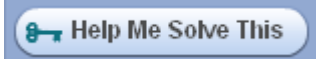


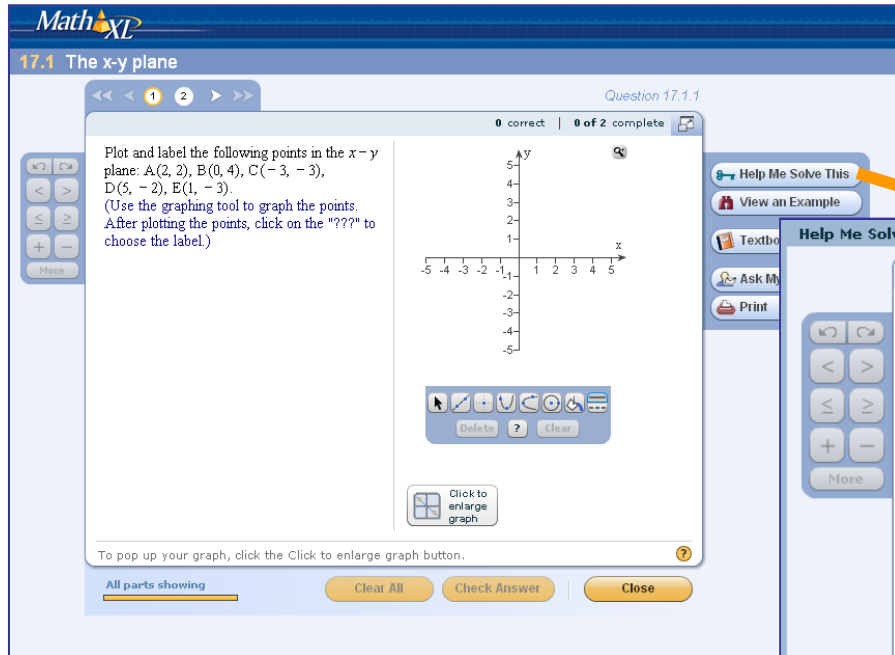
Cancel

Save

Question Problem

Help Me Solve This

Click the  for step by step tutorial.



MathXL
17.1 The x-y plane

Question 17.1.1
0 correct | 0 of 2 complete

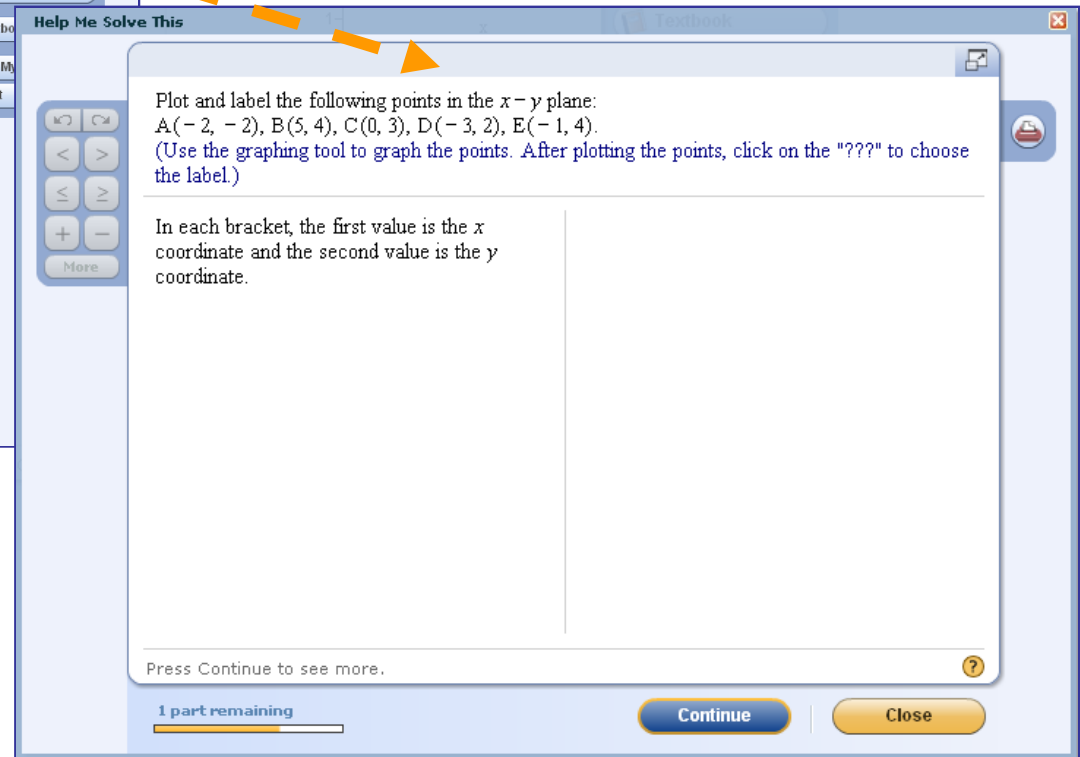
Plot and label the following points in the $x-y$ plane: $A(2, 2)$, $B(0, 4)$, $C(-3, -3)$, $D(5, -2)$, $E(1, -3)$.
(Use the graphing tool to graph the points. After plotting the points, click on the "???" to choose the label.)

x y

Click to enlarge graph

To pop up your graph, click the Click to enlarge graph button.

All parts showing | Clear All | Check Answer | Close



Help Me Solve This

Plot and label the following points in the $x-y$ plane:
 $A(-2, -2)$, $B(5, 4)$, $C(0, 3)$, $D(-3, 2)$, $E(-1, 4)$.
(Use the graphing tool to graph the points. After plotting the points, click on the "???" to choose the label.)


In each bracket, the first value is the x coordinate and the second value is the y coordinate.

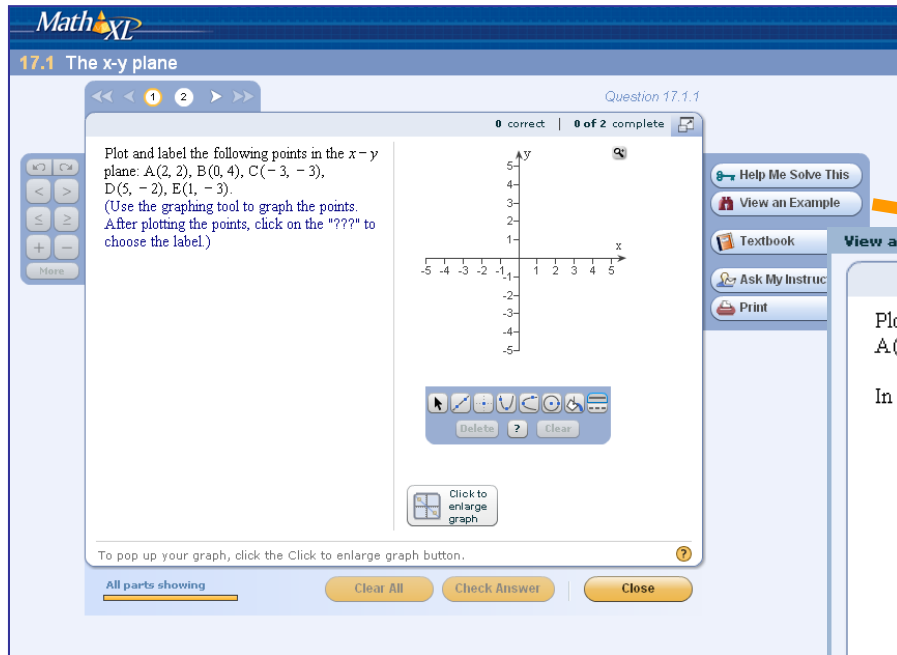
Press Continue to see more.

1 part remaining | Continue | Close

Question Problem

View an Example

Click the  View an Example button to be taken through the entire problem.



MathXL

17.1 The x-y plane

Question 17.1.1

0 correct | 0 of 2 complete

Plot and label the following points in the $x-y$ plane: A(2, 2), B(0, 4), C(-3, -3), D(5, -2), E(1, -3).
(Use the graphing tool to graph the points.
After plotting the points, click on the "???" to choose the label.)

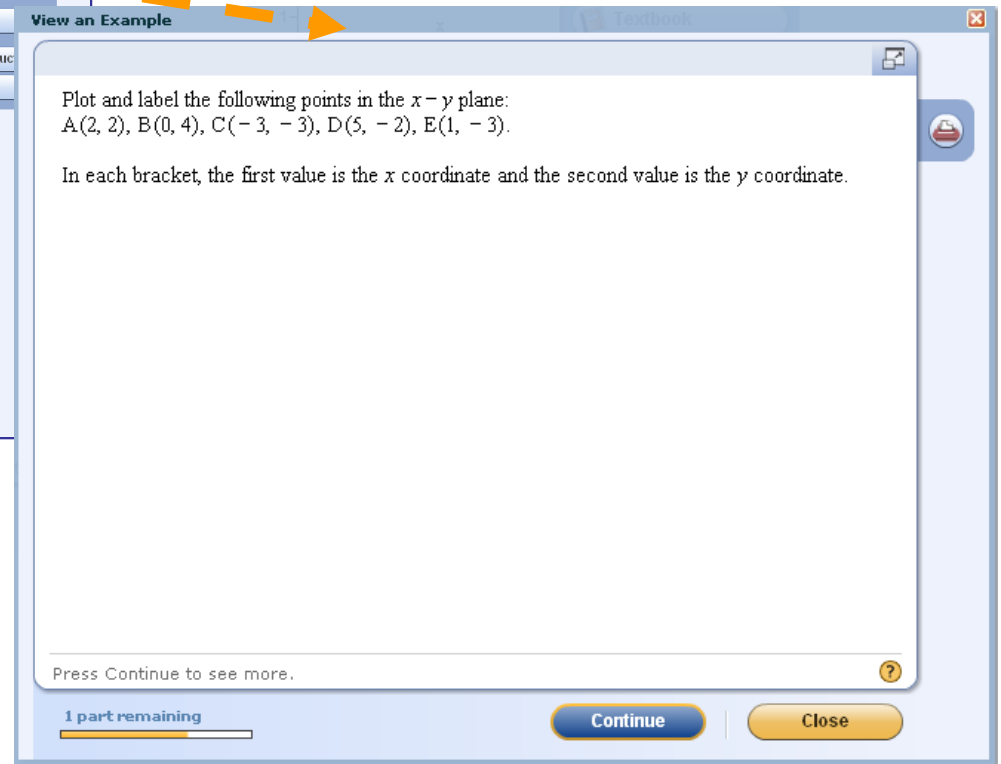
Help Me Solve This
View an Example
Textbook
Ask My Instructor
Print

Click to enlarge graph

To pop up your graph, click the Click to enlarge graph button.

All parts showing

Clear All Check Answer Close



View an Example

Plot and label the following points in the $x-y$ plane:
A(2, 2), B(0, 4), C(-3, -3), D(5, -2), E(1, -3).


In each bracket, the first value is the x coordinate and the second value is the y coordinate.

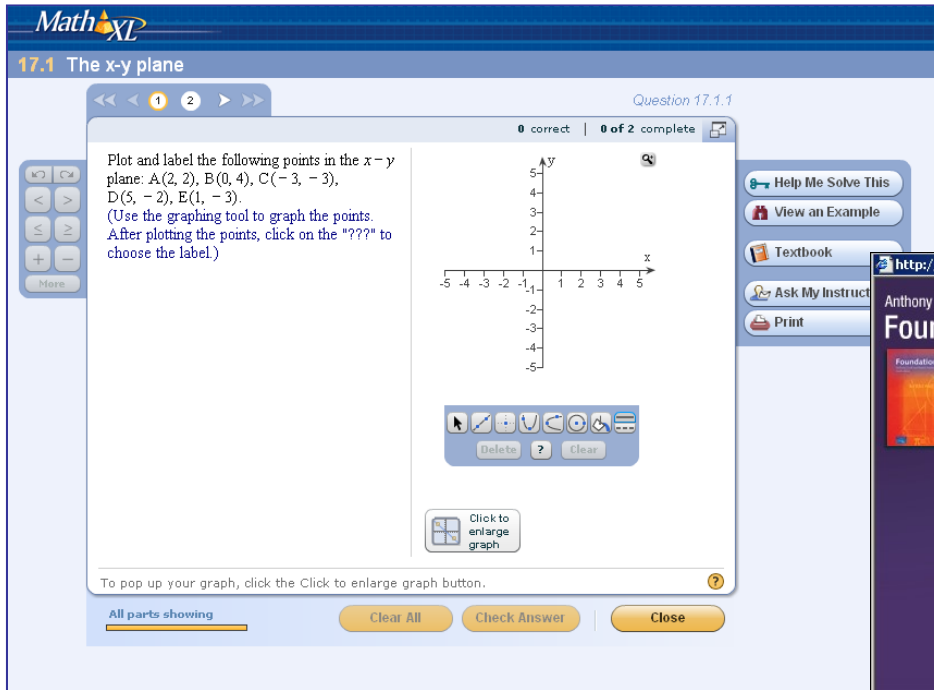
Press Continue to see more.

1 part remaining

Continue Close

eBook

Click the  **Textbook** button, it will take you directly to the relevant section in the text book for further revision



MathXL

17.1 The x-y plane

Question 17.1.1

0 correct | 0 of 2 complete

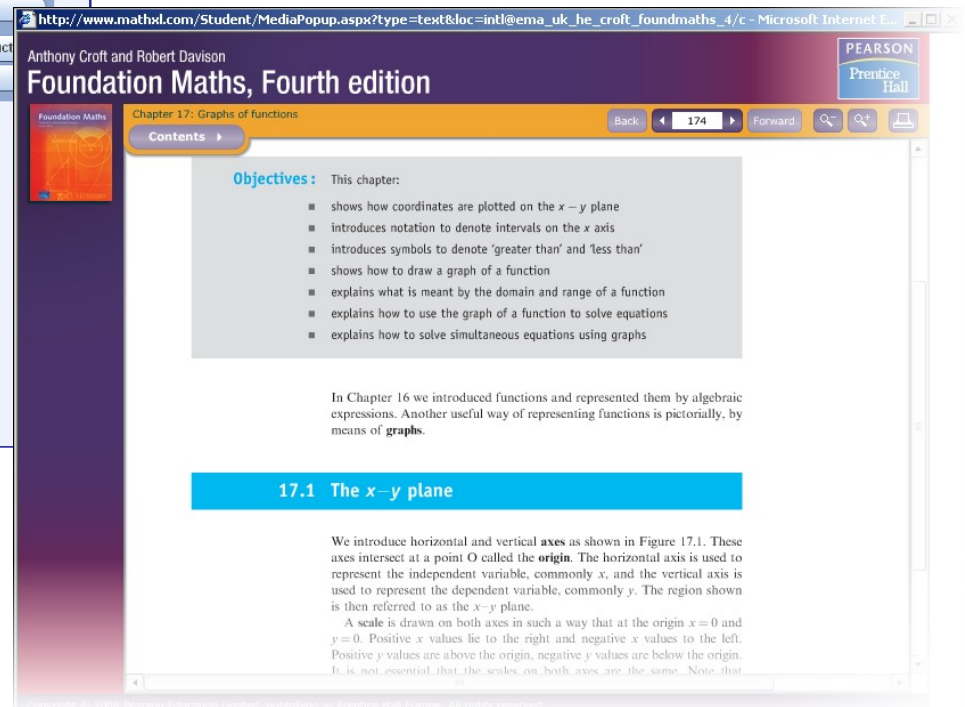
Plot and label the following points in the x - y plane: A(2, 2), B(0, 4), C(-3, -3), D(5, -2), E(1, -3).
(Use the graphing tool to graph the points. After plotting the points, click on the "???" to choose the label.)

Help Me Solve This
View an Example
Textbook
Ask My Instructor
Print

Click to enlarge graph

To pop up your graph, click the Click to enlarge graph button.

All parts showing
Clear All
Check Answer
Close



http://www.mathxl.com/Student/MediaPopup.aspx?type=text&loc=intl@ema_uk_he_croft_foundmaths_4/c - Microsoft Internet E...

Anthony Croft and Robert Davison

PEARSON
Prentice Hall

Foundation Maths

Chapter 17: Graphs of functions

Back 174 Forward

Contents

Objectives: This chapter:

- shows how coordinates are plotted on the x - y plane
- introduces notation to denote intervals on the x axis
- introduces symbols to denote 'greater than' and 'less than'
- shows how to draw a graph of a function
- explains what is meant by the domain and range of a function
- explains how to use the graph of a function to solve equations
- explains how to solve simultaneous equations using graphs

In Chapter 16 we introduced functions and represented them by algebraic expressions. Another useful way of representing functions is pictorially, by means of **graphs**.

17.1 The x - y plane

We introduce horizontal and vertical **axes** as shown in Figure 17.1. These axes intersect at a point **O** called the **origin**. The horizontal axis is used to represent the independent variable, commonly x , and the vertical axis is used to represent the dependent variable, commonly y . The region shown is then referred to as the x - y plane.

A **scale** is drawn on both axes in such a way that at the origin $x = 0$ and $y = 0$. Positive x values lie to the right and negative x values to the left. Positive y values are above the origin, negative y values are below the origin. It is not essential that the scales on both axes are the same. Note that

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Student Technical Support

What do I do if I have a problem?

Go to <http://247.pearsoned.co.uk>

- **Self-Help Knowledgebase:** Extensive & searchable articles
- **Ask a Question:** Enter your question in a form to submit
- **Online Chat:** Chat live online (check support site for hours)

Pearson specialist technical support will respond within 24hrs.



The Technical Support team
is available on evenings and weekends.
Check the support site for exact hours

Summary

- Buy the book **Thomas Calculus** from the John Smith bookshop and keep the access code safe.
- Note your **Course ID**: klages30433 (see handout)
- Register for **MyMathLab** at www.coursecompass.com