

Webassign Instructions and Screenshots for Math 124/5/6 and Math 324

The instructions below give screenshots of the webassign log-in process along with a short orientation for using webassign with the courses Math 124/5/6 and Math 324.

If you do have any webassign technical issues, you can get immediate and accurate help by calling webassign customer service: 1-800-955-8275

PURCHASING ACCESS:

You need webassign access to take this course. Your webassign access code will be a 16 digit code with a prefix.

The two cheapest options for purchasing the access code (and the only options you should consider) are:

- Purchase with the hardcopy book at the bookstore. Ask someone at the bookstore to make sure you have purchased a book that is bundled with an access code (you don't want just the book, you need the access code).
- Or, if you don't want a hardcopy of the book, purchase the access online with the eBook using the UW's negotiated purchasing website (you won't get a hardcopy this way, but it is your cheapest option and a hardcopy of the book is not required).

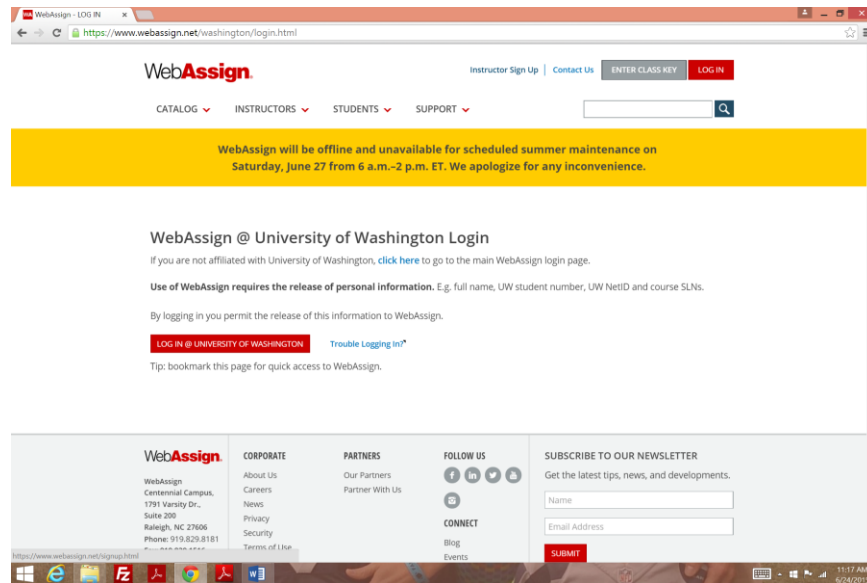
If you use option (b), the link takes you to the page below. Click on "add to cart", then check out and pay the access fee.

The screenshot shows a web browser window with multiple tabs. The active tab is 'services.cengagebrain.com/course/site.html?id=1883112'. The page header includes the CengageBrain logo and a 'Register a Product' link. The main content area is for 'MATH 124/125 CALCULUS WITH ANALYTIC GEOMETRY I, II'. It features a congratulatory message, a list of resources, and student ratings. A section titled 'Enhanced WebAssign Instant Access for Calculus, Multi-Term Courses, 1st Edition' is highlighted, showing the authors (WebAssign), ISBN-10 (1-285-85825-5), and ISBN-13 (978-1-285-85825-8). A 'View Product Information' link is provided. On the right, a 'WHERE TO BUY' section suggests checking local bookstores or online stores, and a 'Buy Digital Product' option is available for \$82.50 with an 'ADD TO CART' button. At the bottom, there are links for 'NEED HELP?', 'FAQs', '24/7 Tech Support', and 'Customer Service'. A 'SUPPORT: NEED HELP?' section is also visible, providing contact information for support.

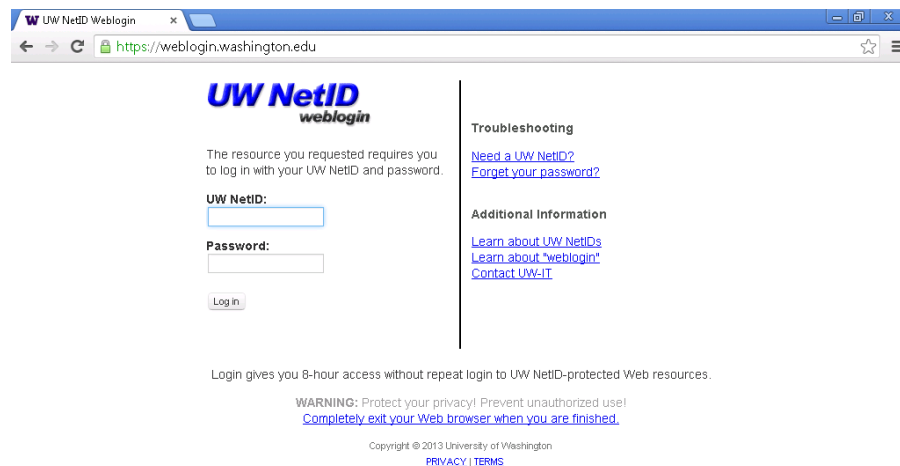
LOGGING IN

Step 1: You log into webassign using a special site specifically for University of Washington students. You get there by typing the following into your browser: www.webassign.net/washington/login.html

Click on the large red button labeled “LOG IN @ UNIVERSITY OF WASHINGTON”.



Step 2: That takes you to the standard UW log in page. Type in your regular UW NetID and password.



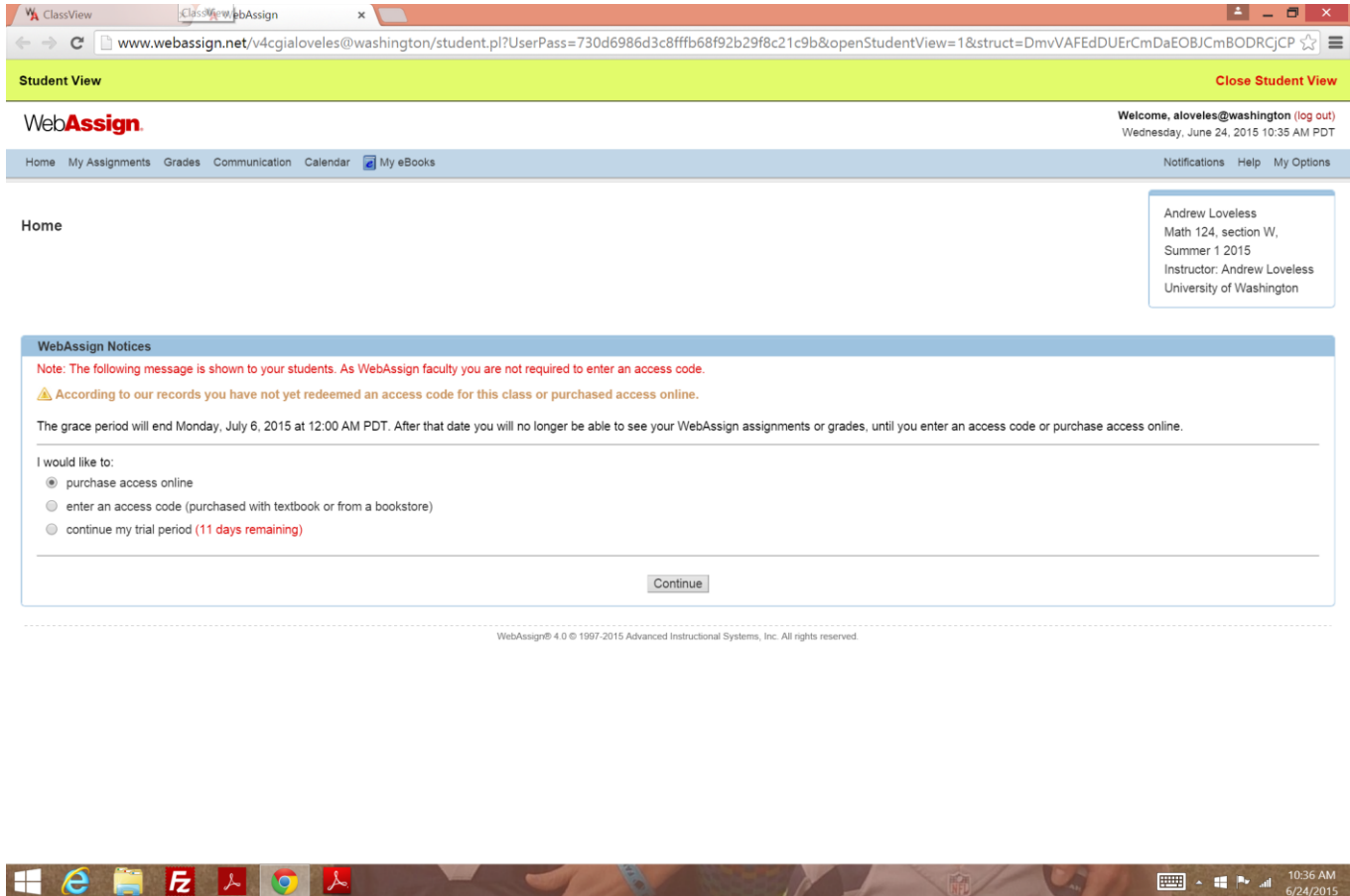
Step 3: You are taken to your webassign entry page. Select your class from the pull down menu that says “My Classes”.



ENTERING YOUR ACCESS CODE

You will need to enter your access code once during the first two weeks of the course. Again, the access code itself has a prefix that typically looks something like EWA&eBook-XXX [replace the X's] followed by a 16 character code. Please immediately write this down and enter it in webassign as soon as possible so you don't lose it. After you enter it, you won't need it again.

Step 1: After you have logged into webassign and selected the course, you will first be taken to this page:



IMPORTANT NOTES ABOUT THIS PAGE: You get three options:

- Purchase access online (**DO NOT CLICK THIS OPTION!!! THE DEPARTMENT HAS A MUCH BETTER NEGOTIATED PRICE THAN WEBASSIGN, DO NOT CLICK THIS OPTION!**)
- Enter an access code (Everyone should be selecting the "Enter an access code" option)
- Continue my trial period (You have free access for the first two weeks through this link, no access code needed). You can use this if you just want to get started on the homework and you haven't had a chance to purchase webassign access yet.

Step 2: Here is a screenshot of what it will look like after you choose the correct option:

The screenshot shows the WebAssign Student View page. At the top, there's a navigation bar with links like Home, My Assignments, Grades, Communication, Calendar, and My eBooks. A welcome message for 'aloveles@u.washington' is displayed. The main content area has a 'WebAssign Notices' section with a note about access codes. Below this, there's a section titled 'I would like to:' with three radio button options: 'purchase access online', 'enter an access code (purchased with textbook or from a bookstore)', and 'continue my trial period (11 days remaining)'. The second option is selected. Below the options, there's a dropdown menu for 'Choose your access code prefix' and a 'Continue' button.

Student View Close Student View

WebAssign Welcome, aloveles@u.washington (log out)
Wednesday, June 24, 2015 10:35 AM PDT

Home My Assignments Grades Communication Calendar My eBooks Notifications Help My Options

Home

WebAssign Notices

Note: The following message is shown to your students. As WebAssign faculty you are not required to enter an access code.

According to our records you have not yet redeemed an access code for this class or purchased access online.

The grace period will end Monday, July 6, 2015 at 12:00 AM PDT. After that date you will no longer be able to see your WebAssign assignments or grades, until you enter an access code or purchase access online.

I would like to:

- ☐ purchase access online
- ☒ enter an access code (purchased with textbook or from a bookstore)
- ☐ continue my trial period (11 days remaining)

Choose the appropriate prefix from the menu below. If your access code is not listed please contact your instructor.

Choose your access code prefix

Continue

Step 3: Select the prefix from your access code.

This screenshot shows the same WebAssign Student View page, but with the 'Choose your access code prefix' dropdown menu open. The menu lists various prefixes, with 'EWA&eBook-MTB' selected and highlighted in blue. The 'Continue' button is still visible at the bottom.

Student View Close Student View

WebAssign Logged in as aloveles@u.washington
Sunday, September 22, 2013 10:33 AM PDT
Log out

Home My Assignments Grades Communication Calendar Notifications Help My Options

MATH 324, section B, Fall 2013

Home

BCEnhanced-S
BCM-S
Cengage-RMN
Cengage-RMY
Cengage-RSN
Cengage-RSY
EWA w/o eBook-MTB
EWA w/o eBook-SMTB
EWA w/o eBook-STB
EWA&eBook-HS
EWA&eBook-MTB
EWA&eBook-SMTB
EWA&eBook-STB
EWA-HS
EWAMath&Sci-2S/3Q
EWAMath-S
EWAMathCombo
HMCO-S
Seeds Online
EWA&eBook-MTB

Continue

Step 4: Then four new boxes will appear, in which you enter your new access code

Math 324 B: Fall 2013 ClassView WebAssign MyUW Main Page

www.webassign.net/v4cgialoveles@washington/student.pl?UserPass=f58c09ea23156578e340013bab00ba5b&openStud

Student View Close Student View

WebAssign
Sunday, September 22, 2013 10:33 AM PDT
Logged in as: aloveles@washington Log out

[Home](#) | [My Assignments](#) | [Grades](#) | [Communication](#) | [Calendar](#) Notifications | Help | My Options

MATH 324, section B, Fall 2013

Home

Andrew Loveless
Instructor: Andrew Loveless
University of Washington

WebAssign Notices

Note: The following message is shown to your students. As WebAssign faculty you are not required to enter an access code.

⚠ According to our records you have not yet redeemed an access code for this class or purchased access online.

The grace period will end Wednesday, October 9, 2013 at 12:00 AM PDT. After that date you will no longer be able to see your WebAssign assignments or grades, until you enter an access code or purchase access online.

I would like to:

- ☐ purchase access online
- ☒ enter an access code (purchased with textbook or from a bookstore)
- ☐ continue my trial period (16 days remaining)

Choose the appropriate prefix from the menu below. If your access code is not listed please contact your instructor.

EWA&eBook-MTB

Continue

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Click on "Continue". You are done!! You won't have to enter this information again.

Now you can view the class and start working on your homework.

INITIAL ORIENTATION TO WEBASSIGN

The course webassign homepage might look something like this. Check out the following things:

“Current Assignments”: Here are the assignments you need to complete

“My eBooks”: Contains links to an enhanced electronic version of the book.

“Help”: Contains some webassign help information.

The screenshot shows the WebAssign Student View interface. At the top, there's a navigation bar with links: Home, My Assignments, Grades, Communication, Calendar, and My eBooks. A welcome message for Andrew Loveless is displayed in the top right corner. The main content area is divided into several sections:

- WebAssign Notices:** A note about access codes and a link to get access now.
- My Assignments:** A table showing current assignments. The first assignment is "Homework 1-Aut2011 Honors" due on Jul 1 2015 12:00 AM PDT.
- Grades:** A message stating "Your final grade has not yet been posted".
- Personal Study Plan - Stewart :: Calculus: Early Transcendentals - 7e:** A list of 12 topics with checkboxes and progress bars.
- Announcements:** A section stating "No Current Announcements".
- Communication:** A section stating "No current forums".
- My Calendar:** A section with a "Jump to..." dropdown menu.
- About this Class:** A section for "Calculus 1" by Stewart, including a class meets schedule (Mon, Tue, Wed, Thu, Fri, Sat from 10:30 AM until 11:20 AM), class start date (Monday, June 22, 2015), and class end date (Friday, August 21, 2015).

The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 10:38 AM on 6/24/2015.

Here is an example of what an assignment looks like: Notice the summary of scores.

ClassView Homework 1-Aut2011 Honors

www.webassign.net/web/Student/Assignment-Responses/last?dep=11605745

Student View Close Student View

WebAssign Welcome, alovels@washington (log out)
Wednesday, June 24 2015 10:38 AM PDT

Home My Assignments Grades Communication Calendar My eBooks Notifications Help My Options

Math 124, section W, Summer 1 2015 » My Assignments

Homework 1-Aut2011 Honors (Homework)

Andrew Loveless
Math 124, section W, Summer 1 2015
Instructor: Andrew Loveless

Current Score: - / 179 Due: Wednesday, July 1 2015 12:00 AM PDT

Print Assignment

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	Total
Points	-5	-2	-2	-4	-2	-2	-2	-2	-8	-16	-8	-5	-10	-3	-8	-14	-5	-6	-10	-6	-8	-3	-3	-3	-3	-3	-3	-3	-4	-3	-5	-12	-6	-179 (0.0%)

Assignment Submission
For this assignment, you submit answers by question parts. The number of submissions remaining for each question part only changes if you submit or change the answer.

Assignment Scoring
Your last submission is used for your score.

1. -5 points SCalcET7 1.3.003

The graph of $y = f(x)$ is given. Match each equation with its graph.

To enter answers, click inside a box and enter the answer. After you click in the box, a "Submit Answer" button will appear within the problem. Although you can submit multiple answers at once, I strongly suggest you enter an answer in one textbox, then click submit before moving onto the next textbox.

ClassView Homework 1-Aut2011 Honors

www.webassign.net/web/Student/Assignment-Responses/submit?dep=11605745

8. -2 points SCalcET7 1.6.051

Solve each equation for x .

(a) $e^{4-4x} = 3$
 $x =$

(b) $\ln(3x - 10) = 2$
 $x =$

Need Help? Read It Chat About It

9. -8 points

Consider the circle of radius 10 centered at the origin. Provide answers accurate to two decimal places.

(a) The equation of the tangent line to the circle through the point $(-6, 8)$ has equation $y =$ $x +$.

(b) Enter a number. L is a tangent line to this circle which is parallel to the line $y = 5x + 7$ and has a negative y intercept. Then the point of tangency of L with this circle is $($ $,$ $)$.

Submit Answer Save Progress

10. -16 points

Draw the unit circle and plot the point $P = (5, 2)$. Observe there are TWO lines tangent to the circle passing through the point P . Answer the questions below with 3 decimal places of accuracy.

Here you see an incorrect answer. The red “X” indicates the answer is wrong. By clicking on the small “+” symbol on the upper left part of the problem you can see that 1 of the 5 allowed submissions have been used. There are four more tries to get it correct and the first textbox is worth 2 points.

ClassView Homework 1-Aut2011 Ho x

www.webassign.net/web/Student/Assignment-Responses/submit?dep=11605745

Need Help? Read it Chat About it

9. 0/8 points Previous Answers My Notes

Question Part	1	2	3	4	Total
Points	0/2	-/2	-/2	-/2	0/8
Submissions Used	1/5	0/5	0/5	0/5	

Consider the circle of radius 10 centered at the origin. Provide answers accurate to two decimal places.

(a) The equation of the tangent line to the circle through the point $(-6, 8)$ has equation $y = \frac{1}{5}x + \frac{2}{5}$.

(b) Suppose that L is a tangent line to this circle which is parallel to the line $y = 5x + 7$ and has a negative y intercept. Then the point of tangency of L with this circle is $(\frac{3}{4}, \frac{4}{4})$.

Submit Answer Save Progress

10. -16 points My Notes

Draw the unit circle and plot the point $P = (5, 2)$. Observe there are TWO lines tangent to the circle passing through the point P . Answer the questions below with 3 decimal places of accuracy.

(a) The line L_1 is tangent to the unit circle at the point $(\frac{1}{5}, \frac{4}{5})$.

(b) The tangent line L_1 has equation:

Here you see a correct answer with a green check. Once you get a green check on a problem you have credit for that problem (the instructor can already see you have it right).

ClassView Homework 1-Aut2011 Ho x

www.webassign.net/web/Student/Assignment-Responses/submit?dep=11605745

$y = \frac{1}{5}x + \frac{2}{5}$

11. 2/8 points Previous Answers My Notes

A Ferris wheel of radius 100 feet is rotating at a constant angular speed ω rad/sec counterclockwise. Using a stopwatch, the rider finds it takes 4 seconds to go from the lowest point on the ride to a point Q , which is level with the top of a 44 ft high pole. Assume the lowest point of the ride is 3 feet above ground level.

Let $Q(t) = (x(t), y(t))$ be the coordinates of the rider at time t seconds; i.e., the parametric equations. Assuming the rider begins at the lowest point on the wheel, then the parametric equations will have the form: $x(t) = r \cos(\omega t - \pi/2)$ and $y(t) = r \sin(\omega t - \pi/2)$, where r, ω can be determined from the information given. Provide answers below accurate to 3 decimal places. (Note: We have imposed a coordinate system so that the center of the ferris wheel is the origin. There are other ways to impose coordinates, leading to different parametric equations.)

(a) $r = 100$ feet

(b) $\omega =$ rad/sec

(c) During the first revolution of the wheel, find the times when the rider's height above the ground is 80 feet.

first time = sec
second time = sec

12. -5 points SCalcET7 10.1.045 My Notes

Suppose that the position of one particle at time t is given by

$$x_1 = 5 \sin t, \quad y_1 = 2 \cos t, \quad 0 \leq t \leq 2\pi$$

and the position of a second particle is given by

$$x_2 = -5 + \cos t, \quad y_2 = 1 + \sin t, \quad 0 \leq t \leq 2\pi.$$

(a) Graph the paths of both particles.

The enhanced eBook contains lots of useful information. When you pull up the eBook, it looks like this:

Within the text there are many things you can click on for visualizations. For example, if you click on “TEC” on this page from chapter 2, you get the following:

TEC In Visual 2.1 you can see how the process in Figure 3 works for additional functions.

t	Q
0.00	100.00
0.02	81.87
0.04	67.03
0.06	54.88
0.08	44.93
0.10	36.76

EXAMPLE 2 The flash unit on a camera operates by storing charge on a capacitor and releasing it suddenly when the flash is set off. The data in the table describe the charge Q remaining on the capacitor (measured in microcoulombs) at time t (measured in seconds after the flash goes off). Use the data to draw the graph of this function and estimate the slope of the tangent line at the point where $t = 0.04$. [Note: The slope of the tangent line represents the electric current flowing from the capacitor to the flash bulb (measured in microamperes).]

SOLUTION In Figure 4 we plot the given data and use them to sketch a curve that approximates the graph of the function.

Clicking on “TEC” brings up an interactive grapher of tangent and secant lines.

The screenshot shows the Cengage TEC interactive grapher for the function $f(x) = x^2$. The main graph area displays the parabola with a tangent line at point $P(0.89, 0.79)$ and a secant line passing through points $P(0.89, 0.79)$ and $Q(1.89, 3.57)$. The tangent slope is 1.78, and the secant slope is calculated as $\frac{f(a+h) - f(a)}{h} = \frac{f(0.89 + 1.00) - f(0.89)}{1.00} = \frac{2.780 - 0.792}{1.00} = 1.988$.

Below the graph, there is a table of data points:

t	Q
0.00	100.00
0.02	81.87
0.04	67.03
0.06	54.88
0.08	44.93
0.10	36.76

Example 2: The flash unit on a camera operates by storing charge on a capacitor and releasing it suddenly when the flash is set off. The data in the table describe the charge Q remaining on the capacitor (measured in microcoulombs) at time t (measured in seconds after the flash goes off). Use the data to draw the graph of this function and estimate the slope of the tangent line at the point where $t = 0.04$. [Note: The slope of the tangent line represents the electric current flowing from the capacitor to the flash bulb (measured in microamperes).]

Solution: In Figure 4 we plot the given data and use them to sketch a curve that approximates the graph of the function.

And if you open the homework from a given section, there are little homework helpers that you can pull up.

The screenshot shows the Stewart Calculus Early Transcendentals 7E homework interface. The main area displays a list of limit problems, including:

- 15. Evaluate the limit $\lim_{t \rightarrow -3} \frac{t^2 - 9}{2t^2 + 7t + 3}$, if it exists.
- 17. $\lim_{h \rightarrow 0} \frac{(-5 + h)^2 - 25}{h}$
- 19. $\lim_{x \rightarrow -2} \frac{x + 2}{x^3 + 8}$
- 21. $\lim_{h \rightarrow 0} \frac{\sqrt{9 + h} - 3}{h}$
- 23. $\lim_{x \rightarrow -4} \frac{\frac{1}{4} + \frac{1}{x}}{4 + x}$
- 25. $\lim_{t \rightarrow 0} \frac{\sqrt{1 + t} - \sqrt{1 - t}}{t}$
- 27. $\lim_{x \rightarrow 16} \frac{4 - \sqrt{x}}{16x - x^2}$
- 29. $\lim_{t \rightarrow 0} \left(\frac{1}{t\sqrt{1 + t}} - \frac{1}{t} \right)$
- 31. $\lim_{h \rightarrow 0} \frac{(x + h)^3 - x^3}{h}$
- 33. Evaluate the limit, if it exists. $\lim_{x \rightarrow 5} \frac{x^2 - 6x + 5}{x - 5}$
- 35. $\lim_{x \rightarrow -5} \frac{x^2 - 5x + 6}{x - 5}$
- 37. $\lim_{t \rightarrow -3} \frac{t^2 - 9}{2t^2 + 7t + 3}$
- 39. $\lim_{h \rightarrow 0} \frac{(-5 + h)^2 - 25}{h}$
- 41. $\lim_{x \rightarrow -2} \frac{x + 2}{x^3 + 8}$
- 43. $\lim_{h \rightarrow 0} \frac{\sqrt{9 + h} - 3}{h}$
- 45. $\lim_{x \rightarrow -4} \frac{\frac{1}{4} + \frac{1}{x}}{4 + x}$
- 47. $\lim_{t \rightarrow 0} \frac{\sqrt{1 + t} - \sqrt{1 - t}}{t}$
- 49. $\lim_{x \rightarrow 16} \frac{4 - \sqrt{x}}{16x - x^2}$
- 51. $\lim_{t \rightarrow 0} \left(\frac{1}{t\sqrt{1 + t}} - \frac{1}{t} \right)$
- 53. $\lim_{h \rightarrow 0} \frac{(x + h)^3 - x^3}{h}$

Section 2.3: Calculating Limits Using the Limit Laws. Problem 36: Use the Squeeze Theorem to show that $\lim_{x \rightarrow 0} \sqrt{x^3 + x^2} \sin \frac{\pi}{x} = 0$. Illustrate by graphing the functions f , g , and h (in the notation of the Squeeze Theorem) on the same screen.

Problem 37: If $4x - 9 \leq f(x) \leq x^2 - 4x + 7$ for $x \geq 0$, find $\lim_{x \rightarrow 4} f(x)$.

Problem 38: If $2x \leq g(x) \leq x^4 - x^2 + 2$ for all x , evaluate $\lim_{x \rightarrow 1} g(x)$.

Problem 39: Prove that $\lim_{x \rightarrow 0} x^4 \cos \frac{\pi}{x} = 0$.

Problem 40: Prove that $\lim_{x \rightarrow 0} \sqrt{x} e^{\sin(x)/x} = 0$.

Problem 41: Find the limit, if it exists. If the limit does not exist, explain why. $\lim_{x \rightarrow 3} (2x + |x - 3|)$

Problem 42: $\lim_{x \rightarrow 6} \frac{2x + 12}{|x + 6|}$

Problem 43: $\lim_{x \rightarrow 0.5} \frac{2x - 1}{|2x^3 - x^2|}$

Problem 44: $\lim_{x \rightarrow -2} \frac{2 - |x|}{2 + x}$

Problem 45: $\lim_{x \rightarrow 0} \left(\frac{1}{x} - \frac{1}{|x|} \right)$

Problem 46: $\lim_{x \rightarrow 0} \left(\frac{1}{x} - \frac{1}{|x|} \right)$

Problem 47: The signum (or sign) function, denoted by sgn , is defined by $\text{sgn } x = \begin{cases} -1 & \text{if } x < 0 \\ 0 & \text{if } x = 0 \\ 1 & \text{if } x > 0 \end{cases}$

(a) Sketch the graph of this function.

Here is the webassign help information for contacting customer service. If you have an issue with display or entry you should contact them. Typically they suggest you first try a different browser or different computer before you call. But they can resolve small technical issues quickly.

The screenshot shows a web browser window with the address bar displaying `www.webassign.net/manual/student_guide/c_a_support_documents.htm`. The page title is "WebAssign Customer Support".

Left Sidebar (Navigation):

- Personal Study Plan
 - Check If Available
 - Check If Graded
- Parts of a Personal Study Plan
 - Strategies
 - Take a Quiz
 - Review Your Scores
 - View a Tutorial
 - Rate a Tutorial
- Calendars
- Troubleshooting and Support
 - Login Problems
 - Not Supported Message
 - Problems Installing Java on OS X
 - Problems Working on iPad
 - Assignment Problems
 - Blackboard
 - Content Security Warning
 - Customer Support**
 - PayPal Support
- Accessibility
- More Information

Main Content Area:

WebAssign Customer Support

Help with using WebAssign is just a few clicks or a phone call away.

Sometimes, you need a personalized answer to a specific question. Or, you are having a problem that is not covered by the known issues or helps. WebAssign Customer Support is fast and free.

- From the WebAssign application:
 - Click **Help**.
 - From the help system, click **Customer Support**.
- Go to webassign.com/support-request.
- Call (800) 955-8275.

The WebAssign Customer Support staff *cannot*:

- change your username or password
- give extensions
- change your score
- give you extra submissions
- help you with the content of assignments
- resolve problems with PayPal payments

Related | [Ask Your Teacher for Help With a Question](#) | [//webassign.com/support-request](http://webassign.com/support-request)

Right Sidebar (User Info):

Close Student View

s@washington (log out)
24 2015 10:40 AM PDT

ins Help My Options

55
Jon W. Summer 1 2015
rew Loveless

Total
9 (1.1%)

My Notes

Footer:

www.webassign.net/manual/student_guide/c_a_support_documents.htm © 2015 Advanced Instructional Systems, Inc. (revised June 2015)