WeBWorK Instructor's Quick Start Guide

Department of Mathematics University of California, Riverside

What is WeBWorK?

 WeBWorK is an open source online homework program supported by the Mathematical Association of America (MAA) and is available to the university and our students free-ofcharge. The program has been installed and is being hosted by Computing and Communications (CnC).

Introduction to WeBWorK

- WeBWorK is not textbook based. Its library contains almost 30,000 homework problems contributed by authors from many universities across the country.
- Supported courses include college algebra, trigonometry, pre-calculus, single and multivariable calculus, differential equations, probability and statistics, linear algebra, and complex analysis.

Introduction to WeBWorK

 Since WeBWorK is not textbook based, you may not be able to find the exact problems as the ones in your textbook. Also, the library contains a large number of problems so browsing through them could be very time consuming. For example, a search on the chain rule returns over 370 problems.

WeBWorK Homework Models

- Therefore, to make the program easier to use, model courses with homework problems similar to those in your textbook have been created. You have the option to:
 - Use the model as is;
 - Modify the model in any way you like; or
 - Create your own assignments.

Before Classes Begin

- Please go to your course on iLearn and add the WeWorK Administrator as a TA.
- His iLearn username is: rlam004
- Once your WeBWorK course has been setup, you will receive an email notification from the administrator with a link to your course as well as your login information.

Adding TA's on iLearn



No Announcements found.



Adding TA's on iLearn

Users			
Find Users to Enroll			
Search: Username V Not blank V	Go		
Remove Users from Course			Refresh Page 1 of 2 > >>
Username First Name Last Na	me 🛆 Email	Role	Observer Available



Enter one or more Usernames. Separate multiple Usernames with commas. Click Browse to search.



Login Information

- Our WeBWorK courses are here:
- http://webwork.ucr.edu/webwork2
- Instructors will receive their login information from the WeBWorK administrator.
- For TA's and students, their login name is their NetID (iLearn username) and the default password is their student ID (SID) number.
- After logging in, you can change your password by clicking on the password/email link.

Editing Course Information

WeBWorK MAA MATHEMATICAL ASSOCIATION OF AMERICA							
Main Menu Courses	WeBWorK \rightarrow MATH_009A_099_15W \rightarrow Instructor Tools \rightarrow File Matrix File Matrix	anager					
Homework Sets	File Manager						
Password/Email Grades	∧ templates ∨	Show Date & Size					
nstructor Tools							
Hmwk Sets Editor	ASimpleCombinedHeaderFile.pg	VICW					
Library Browser	ASimpleScreenHeaderFile.pg	Edit					
Statistics	Library@	Download					
Student Progress	UCR/	Rename					
Email	course info.txt	Conv					
File Manager	ac MATH 046 010 14F fullac 2014-10-09Copy.lst	Ditt					
Course Configuration	macros/	Delete					
Archive this Course	set0.1_INTRODUCTION_TO_WEBWORK.def	Make Archive					
leport bugs	set1.2 DISTANCE BETWEEN TWO POINTS.def						
	set1.3_FUNCTIONS.def	New File					
	set1.4 SHIFTS AND DILATIONS.def	New Folder					
	set2.2_AN_EXAMPLE.def	Refresh					

Upload:

Browse ...

Format: \bigcirc Text \bigcirc Binary \bigcirc Automatic

 \Box Overwrite existing files silently

 \blacksquare Unpack archives automatically \blacksquare then delete them

Editing Course Information

File Manager

templates/course_info.txt
Math 9A-099 Winter 2015 Welcome!
Type in HTML format. Use for a line break.
Cancel Revert Save Save As:

- During the first few days of class, the WeBWorK admin will update your roster daily.
- Please refer your students to contact the WeBWorK admin directly for access or technical issues.
- Alternatively, if you like, you can also add the student(s) yourself.

- To add students manually, click on "Classlist Editor" and follow the screenshots.
- You can find your student's NetID and SID number from the Grade Center on iLearn.
- If you have assigned homework already, then assign them to the new students on the same screen.

WeBWorK MAA MATHEMATICAL ASSOCIATION OF AMERICA

Homework Sets	Classlist Editor
Password/Email Grades Instructor Tools Classlist Editor Hmwk Sets Editor Library Browser Statistics Student Progress Scoring Tools Email File Manager Course Configuration Help	Select an action to perform: Show users who match: Sort by Last Name, then by First Name, then by Login Name, Sort by Last Name, then by First Name, then by Login Name, Edit selected users, Give new password to selected users, Give new password to selected users, Import users from file, replacing no, existing users and adding any, new user Export visible users, to a new file named: Add 3 student(s). Delete no users. Deletion destroys all user-related data and is not undoable! Select all users Unselect all users

FAMERICA

Main Menu	WeBWorK → MATH_008B_099_15W → Instructor Tools → Add Users										
Courses Homework Sets	Add Users										
Password/Email Grades Instructor Tools Classlist Editor Hmwk Sets Editor Library Browser	Enter information below for students you wish to add. Each student's password will initially be set to their student ID. Create 1 entry rows.										
Statistics Student Progress	Last Name	First Name	Student ID	Login Name	Email Address	Section	Recitation	Comment			
Scoring Tools Email	Potter	Harry	860123456	hpott999 ×							
Email File Manager Course Configuration Help Report bugs	Select sets below to assis 0.1_INTRODUCTION_TO 1.1_LINES 1.2_DISTANCE_BETWEE 1.3_FUNCTIONS 1.4_SHIFTS_AND_DILAT 2.1_SLOPE OF_A_FUNC 2.2_AN_EXAMPLE 2.3_LIMITS 2.4_THE_DERIVATIVE_F 2.5_ADJECTIVES_FOR_F Add Students	en them to the newly-cre _WEBWORK EN_TWO_POINTS IONS ETION FUNCTION FUNCTIONS	eated users.								

Adding TA's on WeBWorK

- The TA's of your course are by default added to your WeBWorK roster when your course is created.
- Sometimes (for example, when TA's trade their sections) you may have to add a TA manually.
- First add your TA as a student by following the above procedures.
- Then change the role to TA by following the screenshots.

Adding TA's on WeBWorK

WeBWorK MAA MATHEMATICAL ASSOCIATION OF AMERICA								
Main Menu	WeBWorK \rightarrow MATH_009A_099_15W \rightarrow Instructor Tools \rightarrow Classlist Editor							
Courses Homework Sets	Classlist Editor							
Password/Email Grades	Result of last action performed: showing selected users							
Instructor Tools Classlist Editor Hmwk Sets Editor Library Browser Statistics Student Progress Scoring Tools Email File Manager Course Configuration Hetp Report bugs	Select an action to perform: Show selected users v In their Login Name Sort by Last Name Sort by Last Name Sort by Last Name Give new password to selected users v Import users from file Sample Roster.Ist replacing no existing users and adding any v new users Export visible users v to a new file named: Add 1 student(s).							

Take Action!

Showing 9 out of 23 users.

Select	Login Name	Login Status	Assigned Sets	First Name	Last Name	Email Address	Student ID	Status	Section	Recitation	Comment	Permission Level
	kpham014	inactive	12/17	Kaylee	Pham		861678999	Enrolled (C)				student
	rpham007 👂	inactive	12/17	Rita	Pham		861666123	Enrolled (C)				student
	jphan010	inactive	12/17	Jennifer	Phantom		860000999	Enrolled (C)				student
\bigcirc	hpott999	inactive	12/17	Harry	Potter	roblam@math.ucr.edu	860123456	Enrolled (C)				student
	<u>tprio001</u> 👂	inactive	<u>12/17</u>	Trisha	Prior		861000999	Enrolled (C)				student
				Transfer and the second				No.		8		10 mm 1

Adding TA's on WeBWorK

WeBWorK MAA MATHEMATICAL ASSOCIATION OF AMERICA

Main Menu	WeBWorK -	→ MATH_008E	8_099_15W →	Instructor Tools \rightarrow C	lasslist Editor					
Courses Homework Sets	Classlist Edi	tor								
Password/Email Grades	Result of last	action perform	ed: editing sele	cted users						
Classlist Editor Hmwk Sets Editor Library Browser	Select an acti	on to perform: 1 changes								
Statistics Student Progress Scoring Tools Email	Save etc. Take	Action!								
File Manager Course Configuration	Showing 1 ou	t of 6 users.								Change to TA
Report bugs	Click on the 1	ogin name to e	dit individual j	problem set data, (e.g.	due dates) for the	ese students.				2
	Login Name	First Name	Last Name	Email Address	Student ID	Status	Section	Recitation	Comment	Permission Level
	harry	Harry	Potter	roblam@math ucr edu	860123456	Enrolled V				ta 🗸

Resetting Passwords

- Should your students or TA's forget their passwords, you can give them a new password by going to the "Classlist Editor" and selecting the "Give New Passwords To" option.
- Follow the screenshots.
- If you forget your password, you'll have to contact the WeBWorK administrator to have him reset it for you.

Resetting Passwords

🖗 WeB	WORK MAA MATHEMATICAL ASSOCIATION OF AMERICA						
Main Menu	WeBWorK \rightarrow MATH_009A_099_15W \rightarrow Instructor Tools \rightarrow Classlist Editor						
Lourses Homework Sets	Classlist Editor						
Password/Email Grades	Result of last action performed: showing selected users						
Instructor Tools Classlist Editor Hmwk Sets Editor Library Browser Statistics Student Progress Scoring Tools Email	Select an action to perform: Show selected users v in their Login Name v Sort by Last Name v, then by First Name v, then by Login Name v. Edit selected users v Give new password to selected users v						
Course Configuration	O Import users from file Sample Roster.lst V replacing no V existing users and adding any V new users						
Help 🔽 Report bugs	○ Export visible users v to a new file named: v .1st						
Contraction of the Contraction o	\bigcirc Add 1 student(s).						
	○ Delete no users. ∨ Deletion destroys all user-related data and is not undoable!						
	Select all users Unselect all users						

Showing 7 out of 23 users.

Login Name	Login Status	Assigned Sets	<u>First Name</u>	Last Name	Email Address	Student ID	Status	Section	Recitation	Comment	Permission Level
rhern031	inactive	12/17	Reema	Hernandez		861101999	Enrolled (C)				student
xhern002	inactive	12/17	Xena	Hernandez		861113999	Enrolled (C)				student
khing001	inactive	12/17	Kellie	Hingdon		861058999	Enrolled (C)				student
bkeye001	inactive	12/17	Brittny	Keye		861999666	Enrolled (C)				student
<u>ikim027</u> 👂	inactive	12/17	Irene	Kim		861098999	Enrolled (C)				student
<u>mkim078</u> 👂	inactive	12/17	Mchael	Kimmel		861097999	Enrolled (C)				student
	Login Name rhern031 xhern002 khing001 bkeye001 ikim027 mkim078	Login Name Login Status rhern031 inactive xhern002 inactive khing001 inactive bkeye001 inactive ikim027 inactive mkim078 inactive	Login NameLogin StatusAssigned Setsrhern031inactive12/17xhern002inactive12/17khing001inactive12/17bkeye001inactive12/17ikim027inactive12/17mkim078inactive12/17	Login NameLogin StatusAssigned SetsFirst Namerhern031inactive12/17Reemaxhern002inactive12/17Xenakhing001inactive12/17Kelliebkeye001inactive12/17Brittnyikim027inactive12/17Irenemkim078inactive12/17Mchael	Login NameLogin StatusAssigned SetsFirst NameLast Namerhern031inactive12/17ReemaHernandezxhern002inactive12/17XenaHernandezkhing001inactive12/17KellieHingdonbkeye001inactive12/17BrittnyKeyeikim027inactive12/17IreneKimmkim078inactive12/17MchaelKimmel	Login NameLogin StatusAssigned SetsFirst NameLast NameEmail Addressrhern031inactive12/17ReemaHernandezxhern002inactive12/17XenaHernandezkhing001inactive12/17KellieHingdonbkeye001inactive12/17BrittnyKeyeikim027inactive12/17IreneKimmkim078inactive12/17MchaelKimmel	Login NameLogin StatusAssigned SetsFirst NameLast NameEmail AddressStudent IDrhern031inactive12/17ReemaHernandez861101999xhern002inactive12/17XenaHernandez861113999khing001inactive12/17KellieHingdon861058999bkeye001inactive12/17BrittnyKeye861999666ikim027inactive12/17IreneKim861098999mkim078inactive12/17MchaelKimmel861097999	Login NameLogin StatusAssigned SetsFirst NameLast NameEmail AddressStudent IDStatusrhern031inactive12/17ReemaHernandez861101999Enrolled (C)xhern002inactive12/17XenaHernandez861113999Enrolled (C)khing001inactive12/17KellieHingdon861058999Enrolled (C)bkeye001inactive12/17BrittnyKeye861999666Enrolled (C)ikim027inactive12/17IreneKim861098999Enrolled (C)mkim078inactive12/17MchaelKimmel861097999Enrolled (C)	Login NameLogin StatusAssigned SetsFirst NameLast NameEmail AddressStudent IDStatusSectionrhern031inactive12/17ReemaHernandez861101999Enrolled (C)xhern002inactive12/17XenaHernandez86113999Enrolled (C)khing001inactive12/17KellieHingdon861058999Enrolled (C)bkeye001inactive12/17BrittnyKeye861999666Enrolled (C)ikim027inactive12/17IreneKim861098999Enrolled (C)mkim078inactive12/17MchaelKimmel861097999Enrolled (C)	Login NameLogin StatusAssigned SetsFirst NameLast NameEmail AddressStudent IDStatusSectionRecitationrhern031inactive12/17ReemaHernandez861101999Enrolled (C)xhern002inactive12/17XenaHernandez861113999Enrolled (C)khing001inactive12/17KellieHingdon861058999Enrolled (C)bkeye001inactive12/17BrittnyKeye861098999Enrolled (C)ikim027inactive12/17IreneKim861098999Enrolled (C)mkim078inactive12/17MchaelKimmel861097999Enrolled (C)	Login NameLogin StatusAssigned SetsFirst NameLast NameEmail AddressStudent IDStatusSectionRecitationCommentrhern031inactive12/17ReemaHernandez861101999Enrolled (C) </th

Reseting Passwords



Viewing The Problems of A HW Set

WeBWOrK MAA MATHEMATICAL ASSOCIATION OF AMERICA							
Main Menu	WeBWorK → MATH_009A_001_15 Clic	k on a link to view					
Courses Homework Sets	MATH 009A 001 15F the	problems of a					
Password/Email	Sel. <u>Nume</u> hon	nework set.					
Instructor Tools	□ 0.1 INTRODUCTION TO WEBWORK	will open on 12/27/2015 at 06:00am PST					
Classlist Editor	□ 1.1 AN INTRODUCTION TO LIMITS	will open on 12/30/2015 at 08:00am PST					
Hmwk Sets Editor	□ 1.2 EPSILON DELTA DEF OF A LIMIT	will open on 12/30/2015 at 08:00am PST					
Statistics	□ 1.3 FINDING LIMITS ANALYTICALLY	will open on 12/30/2015 at 08:00am PST					
Student Progress	□ <u>1.4 ONE SIDED LIMITS</u>	will open on 12/30/2015 at 08:00am PST					
Email	\Box 1.5 CONTINUITY	will open on 12/30/2015 at 08:00am PST					
File Manager	□ 1.6 LIMITS INVOLVING INFINITY	will open on 12/30/2015 at 08:00am PST					
Course Configuration	□ 2.1 2.2 THE DERIVATIVE AND ITS INT	ERPRETATIONS will open on 12/30/2015 at 08:00am PST					
Report bugs	□ 2.3 BASIC DIFFERENTIATION RULES	will open on 12/30/2015 at 08:00am PST					
	2.4 THE PRODUCT AND QUOTIENT RU	JLES will open on 12/30/2015 at 08:00am PST					
	□ 2.5 THE CHAIN RULE	will open on 12/30/2015 at 08:00am PST					
	2.6 IMPLICIT DIFFERENTIATION	will open on 12/30/2015 at 08:00am PST					
	27 DERIVATIVES OF INVERSE FUNC	FIONS will open on 12/30/2015 at 08:00am PST					

Printing A Homework Set

Password/Email	Sel.	Name	<u>Status</u>
Instructor Tools		.1 INTRODUCTION TO WEBWORK	will open on 12/27/2015 at 06:00am PST
Classlist Editor		.1 AN INTRODUCTION TO LIMITS	will open on 12/30/2015 at 08:00am PST
Hmwk Sets Editor		.2 EPSILON DELTA DEF OF A LIMIT	will open on 12/30/2015 at 08:00am PST
Statistics		.3 FINDING LIMITS ANALYTICALLY	will open on 12/30/2015 at 08:00am PST
Student Progress		.4 ONE SIDED LIMITS	will open on 12/30/2015 at 08:00am PST
Email		.5 CONTINUITY	will open on 12/30/2015 at 08:00am PST
File Manager		.6 LIMITS INVOLVING INFINITY	will open on 12/30/2015 at 08:00am PST
Course Configuration	$\square 2$.1 2.2 THE DERIVATIVE AND ITS INTERPRETATIONS	will open on 12/30/2015 at 08:00am PST
Report bugs		.3 BASIC DIFFERENTIATION RULES	will open on 12/30/2015 at 08:00am PST
		.4 THE PRODUCT AND QUOTIENT RULES	will open on 12/30/2015 at 08:00am PST
	□ 2	.5 THE CHAIN RULE	will open on 12/30/2015 at 08:00am PST
	2	.6 IMPLICIT DIFFERENTIATION	will open on 12/30/2015 at 08:00am PST
	□ 2	.7 DERIVATIVES OF INVERSE FUNCTIONS	will open on 12/30/2015 at 08:00am PST
	6	0.7 L HOPITALS RULE	will open on 12/30/2015 at 08:00am PST
	3	.1 EXTREME VALUES	will open on 12/31/2015 at 08:00am PST
	3	.2 THE MEAN VALUE THEOREM	will open on 12/31/2015 at 08:00am PST
	<u>3</u>	.3 INCREASING AND DECREASING FUNCTIONS	will open on 12/31/2015 at 08:00am PST
		4 CONCAVITY AND THE 2ND DERIVATIVE	will open on 12/31/2015 at 08:00am PST
	<u> </u>	.5 CURVE SKETCHING	will open on 12/31/2015 at 08:00am PST
	4	2 RELATED RATES	will open on 12/31/2015 at 08:00am PST
	4	.4 DIFFERENTIALS	will open on 12/31/2015 at 08:00am PST
	-		
	Dow	nload Hardcopy for Selected Sets	

Printing A Homework Set

Courses Hardcopy Generator **Homework Sets** Password/Email Select the homework sets for which to generate hardcopy versions. You may also select multiple users from the users list. You will receive ha Grades Instructor Tools Users Classlist Editor Sets **Hmwk Sets Editor** Library Browser Sort: Preset: last name, first name V Sort: Field: set id V Statistics Format: last name, first name (user id) < Format: set id V Student Progress Filter: Display all possible records Filter: Display all possible records Scoring Tools Email File Manager **Course Configuration** Help 🔇 Change Display Settings Change Display Settings Report bugs Heiba, Leila (Iheib001) 0.1 INTRODUCTION TO WEBWORK Hernandez, Madison (mhern075) 1.1 AN INTRODUCTION TO LIMITS He Michelle (mho019) 1.2 EPSILON DELTA DEF OF A LIMIT our name Huang, Anjin (ahuan022) 1.3 FINDING LIMITS ANALYTICALLY is highlighted Igba, Ali (aigba002) 1.4 ONE SIDED LIMITS Jaulegui, Evan (ejaur002) 1.5 CONTINUITY by default. Khachaturova, Cristine (ckhac002) 1.6 LIMITS INVOLVING INFINITY kim, Alicia (akim096) 2.1 2.2 THE DERIVATIVE AND ITS INTERPRETATIONS Kowalenko, Ethan (ekowa001) 2.3 BASIC DIFFERENTIATION RULES Lagunda, Patrick (plagu002) 2.4_THE_PRODUCT_AND_QUOTIENT_RULES Lam, Robert (rlam004) 2.5 THE CHAIN RULE Lee, Arin (alee117) 2.6 IMPLICIT DIFFERENTIATION Lee, Charlyne (clee147) 2.7 DERIVATIVES OF INVERSE FUNCTIONS Lee, Sara (slee251) 3.1 EXTREME VALUES Li, Peishi (pli007) 3.2 THE MEAN VALUE THEOREM Liang, Yuluo (ylian018) 3.3 INCREASING AND DECREASING FUNCTIONS Maniti, Jasmine (jmani003) 3.4 CONCAVITY AND THE 2ND DERIVATIVE Mazer, Amelia (amaze003) 3.5 CURVE SKETCHING Metzidaki, Gina (gmetz001) 4.2 RELATED RATES V Meyer, Jordyn (imeye010) 4.4 DIFFERENTIALS

You may choose to show any of the following data. Correct answers and solutions are only available to privileged users or after the answer date of the homework set. Show: Student answers Correct answers Hints Solutions



Homework Management

- All of your homework managements are done in the "Homework Sets Editor".
- <u>To create a new homework set</u>, use the option "Create a new set named" and type the name in the box. Please note that spaces are NOT allowed and you will need to use underscores for spaces, for example, "The_Chain_Rule". Then save it as "an empty set".

Changing The Dates of A HW Set

- Click on the pencil icon under that set and then change the dates and times on the next screen.
- Pay attention to PDT and PST and change if necessary. WeBWorK recognizes PDT or PST by the dates and will move the clock for you automatically (may not be a good thing as this may not be the time that you originally assigned.)

Changing The Dates of A HW Set

Hmwk	Sets Editor					Please se	lect action to be performed.	
Select Sho Pri Ed: Ma Imj Ed: Sco Cra De Showin	an action to perform: by sets with matching set IDs: mary sort: Due Date Secondary sort: Open D it selected sets ke selected sets visible sort a single set from the following file(s) port visible sets ore no sets. eate a new set named: as a new lete no sets. Deletion destroys all set-related due Click the pencil icon g 17 out of 17 sets.	empty set.	multiple IDs with w w ot undoable! Ct all sets Unse Take Action	ith set no elect all so	ame(s):	assigning this	set to only rlam004.	
Select	Hdir Set Data	Edit Problems	Edit Assigned Users	Visible	Reduced Credit Enabled	Open Date	Due Date	Answer Date
	3.5_THE_CHAIN_RU	16	0/23	Yes	No	12/25/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.1_TRIGONOMETRIC_FUNCTIONS 🖉	10	0/23	Yes	No	12/26/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.2_4.3_DERIVATIVE_OF_SIN_X 🎗	8	0/23	Yes	No	12/27/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.4_4.5_DERIVATIVES_OF_TRIG_FUNCTIONS	<u>13</u>	<u>0/23</u>	Yes	No	12/28/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.6_IMPLICIT_DIFFERENTIATION 🖉	<u>12</u>	0/23	Yes	No	12/29/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	3.4_THE_QUOTIENT_RULE 🖉	<u>10</u>	23/23	Yes	No	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST

Changing The Dates of A HW Set

Hmwk Sets Editor Please sel Any changes made below will be reflected in the set for ALL students. Select an action to perform: Abandon changes 0 Save changes 0 Take Action! Change the dates/times Showing 1 out of 17 sets. Visible Enable Reduced Edit All **Open Date Due Date** Answer Date Credit Set Data 3.5 THE CHAIN RULE 🗸 12/30/2015 at 06:00am PST 12/25/2015 at 06:00am PST 12/30/2015 at 06:00am PST

Please select action to be performed.

Page generated at 06/01/2015 at 03+12nm PDT

Assigning Homework

Hmwk	Sets Editor					Please sel	ect action to be performed.	
Select	an action to perform:							
⊖ Sh	w sets with matching set IDs: ▼	(separate	multiple IDs with	comma	s)			
🔿 Pri	mary sort: Due Date 🗸 Secondary sort: Open D	ate 💊	· .					
⊖ Ed	it selected sets 🗸							
O Ma	ke selected sets \checkmark visible \checkmark for students.							
○ Im	port a single set V from the following file(s)		✓ w:	ith set na	ame(s):	assigning this s	et to only rlam004. 🗸	
⊖ Ex	port visible sets V							
⊖ See	ore no sets.							
\bigcirc Cr	eate a new set named:as a new	empty set.	~	•				
O De	lete no sets. V Deletion destroys all set-related de	ata and is n	ot undoable!					
		Sele	ct all sets Unse	lect all se	ets			
			Take Action					
		2						
Showir	ig 17 out of 17 sets.	(Click!					
Select	Edit Set Data	Edit Problems	Edit Assigned Users	Visible	Reduced Credit Enabled	Open Date	Due Date	Answer Date
	3.5_THE_CHAIN_RULE 🖉	<u>16</u>	0/23	Yes	No	10/19/2015 at 09:00am PDT	10/26/2015 at 09:00am PDT	10/27/2015 at 09:00am PDT
	4.1_TRIGONOMETRIC_FUNCTIONS	<u>10</u>	0/23	Yes	No	12/26/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.2_4.3_DERIVATIVE_OF_SIN_X 🖉	<u>8</u>	<u>0/23</u>	Yes	No	12/27/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.4_4.5_DERIVATIVES_OF_TRIG_FUNCTIONS	<u>13</u>	<u>0/23</u>	Yes	No	12/28/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.6_IMPLICIT_DIFFERENTIATION	12	0/23	Yes	No	12/29/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST

Assigning Homework

WeBWorK \rightarrow MATH_009A_099_15W \rightarrow Instructor Tools \rightarrow Hmwk Sets Editor -

Users Assigned to Set 3.5 THE CHAIN RULE

Assign to All Current Users D is action can take a long time if there are many students.

Do not uncheck students, unless you know what you are doing. There is NO undo for unassigning students.

When you unassign by unchecking a student's name, you destroy all of the data for home versions of the problems. Make sure this is what you want to do before unchecking stude

Assigned	Login Name	Student Name	Section	Due Date
	rgao002	(Gao, Roger)		
	dgiro001	(Giroe, Donna)		
	ahaki005	(Hakido, Adam)		
	ahash005	(Hash, Anita)		
	rhern031	(Hernandez, Reema)		
	xhern002	(Hernandez, Xena)		
	khing001	(Hingdon, Kellie)		
	bkeye001	(Keye, Brittny)		
	ikim027	(Kim, Irene)		
	mkim078	(Kimmel, Mchael)		
	jkwon022	(Kwong, Judy)		
		<u> </u>		

Modifying A Homework Set

Hmwl	c Sets Editor					Please sel	ect action to be performed.	
Select	an action to perform:							
\bigcirc Sh	ow sets with matching set IDs: V	(separate	multiple IDs with	n comma	s)			
⊖ Pri	mary sort: Due Date V Secondary sort: Open D	ate 🗸						
\bigcirc Ed	it selected sets V							
⊖ Ma	ake selected sets \checkmark visible \checkmark for students.							
\bigcirc Im	port a single set V from the following file(s)		✓ w	ith set na	ame(s):	assigning this s	et to only rlam004. 🗸	
⊖ Ex	port visible sets 🗸							
⊖ Sc	ore no sets.							
\bigcirc Cr	eate a new set named:as a new	empty set.	~	•				
O De	lete no sets. V Deletion destroys all set-related destroys all set	ata and is n	ot undoable!					
		Sele	ct all sets Unse	elect all se	ets			
			Take Action	1				
Chami	an 17 mut of 17 meter							
Shown	ig 17 out of 17 sets.	Click	!)					
Select	Edit	Edit	Edit	Visible	Reduced Credit	Onen Date	Due Date	Answer Date
Select	Set Data	Problems	Assigned Users	VISIOR	Enabled	open Date	Duc Daic	Auswer Date
	3.5_THE_CHAIN_RULE	<u>16</u>	0/23	Yes	No	10/19/2015 at 09:00am PDT	10/26/2015 at 09:00am PDT	10/27/2015 at 09:00am PDT
	4.1_TRIGONOMETRIC_FUNCTIONS	<u>10</u>	0/23	Yes	No	12/26/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.2_4.3_DERIVATIVE_OF_SIN_X 🖉	<u>8</u>	0/23	Yes	No	12/27/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.4_4.5_DERIVATIVES_OF_TRIG_FUNCTIONS	<u>13</u>	0/23	Yes	No	12/28/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.6 IMPLICIT DIFFERENTIATION	12	0/23	Yes	No	12/29/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST

Modifying A Homework Set



Force problems to be numbered consecutively from one (always done when reordering problems)

Any time problem numbers are intentionally changed, the problems will always be renumbered consecutively, starting from o

It is before the open date. You probably want to renumber the problems if you are deleting some from the middle.

When changing problem numbers, we will move the problem to be before the chosen number.

Add 1 blank problem template(s) to end of homework set

Save Changes Reorder problems only (Any unsaved changes will be lost.)

Granting Extensions

Homework Sets	Classlist Editor
Password/Email Grades	Select an action to perform:
Instructor Tools	Show users who match:
Classlist Editor	Sort by Last Name , then by First Name , then by Login Name .
Library Browser	⊘ Edit selected users ▼
Statistics	◎ Give new password to selected users ▼
Student Progress	Import users from file Demo Roster 2.1st • replacing no • existing users and adding any • new users
dchen999	◎ Export visible users ▼ to a new file named: ▼ .lst
Email	Add 1 student(s).
File Manager	Delete no users. Deletion destroys all user-related data and is not undoable!
Help	Select all users Unselect all users
Report bugs	Take Action!

Showing 12 out of 12 users.

Courses

Select	Login Name	Login Status	Assigned Sets	First Name	Last Name	Email Address	Student ID	Status	Sec
	achan999	inactive	3/21	Amber	Chang		860952679	Enrolled (C)	
	dchen999	inactive	3/21	Diane	Chen		860928332	Enrolled (C)	
	dcheo999	inactive	3/21	David	Cheong		860929465	Enrolled (C)	
	jchon999	inactive	3/21	Jennifer	Chong		860938886	Enrolled (C)	
	rcuev999	inactive	3/21	Richard	Cuevas		860940381	Enrolled (C)	
		inactivo	2/21	Vuonne	Davie		860027500	Enrolled (C)	

Granting Extensions



Save changes

When you uncheck a homework set (and save the changes), you destroy all of the data for that set for this student. If you reassign the set, the student will each problem. Make sure this is what you want to do before unchecking sets.

	Sets assigned to Diane	Chen (dchen999)
Assigned	Edit set for dchen999	Dates
	0.1 INTRODUCTION TO WEBWORK	Open: 09/27/2012 at 08:00am PDT Due. 10/18/2012 at 08:00am PDT 10/02/2012 at 08:00am PDT Ans : ☑ 10/18/2012 at 08:00am PDT 10/02/2012 at 08:00am PDT
V	1.1 VECTORS IN 2 AND 3 DIMENSIONS	Open: 09/27/2012 at 08:00am PDT Due : ☑ 10/18/2012 at 08:00am PDT Ans : ☑ 10/18/2012 at 08:00am PDT
V	1.2 MORE ABOUT VECTORS	Open: 09/27/2012 at 08:00am PDT Due : 10/18/2012 at 08:00am PDT 10/11/2012 at 08:00am PDT Anse: 10/18/2012 at 08:00am PDT 10/11/2012 at 08:00am PDT
	1.3_THE_DOT_PRODUCT	Open: 12/31/2012 at 08:00am PST Due: 12/31/2012 at 08:00am PST

Modifying HW Scores And Criteria for An Individual Student

Hmwk Sets Editor	Please select action to be performed.
Select an action to perform:	
○ Show sets with matching set IDs: ♥ (separate multiple IDs with commas)	
○ Primary sort: Due Date ∨ Secondary sort: Open Date ∨.	
◯ Edit selected sets ✔	
\bigcirc Make selected sets \checkmark visible \checkmark for students.	
○ Import a single set ♥ from the following file(s) ♥ with set name(s):	assigning this set to only rlam004.
○ Export visible sets v	
◯ Score no sets. ✓	
○ Create a new set named: as a new empty set. ✓	
○ Delete no sets. ✓ Deletion destroys all set-related data and is not undoable!	
Select all sets Unselect all sets	
Take Action!	

Showing 17 out of 17 sets.

Select	Edit Set Data	Edit Problems	Edit Assigned Users	Visible	Reduced Credit Enabled	Open Date	Due Date	Answer Date
	3.5_THE_CHAIN_RULE 🖉	<u>16</u>	24/24	Yes	No	10/19/2015 at 09:00am PDT	10/26/2015 at 09:00am PDT	10/27/2015 at 09:00am PDT
	4.1_TRIGONOMETRIC_FUNCTIONS	<u>10</u>	24/24	Yes	No	12/26/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.2_4.3_DERIVATIVE_OF_SIN_X 🖉	8	24/24	Yes	No	12/27/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.4_4.5_DERIVATIVES_OF_TRIG_FUNCTIONS	13	24/24	Yes	No	12/28/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	4.6_IMPLICIT_DIFFERENTIATION 🖉	<u>12</u>	24/24	Yes	No	12/29/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST
	3.4_THE_QUOTIENT_RULE 🖉	<u>10</u>	<u>24/24</u>	Yes	No	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST	12/30/2015 at 06:00am PST

Modifying HW Scores And Criteria for An Individual Student

~	jpham032	(Pham, Jason)	Edit data for jpham032
-	kpham014	(Pham, Kaylee)	Edit data for kpham014
\checkmark	rpham007	(Pham, Rita)	Edit data for rpham007
-	jphan010	(Phantom, Jennifer)	Edit data for jphan010
-	hpott999	(Potter, Harry)	Edit data for hpott999
\checkmark	tprio001	(Prior, Trisha)	Edit data for tprio001
~	guestprof	(Prof, Guest)	Edit data for guestprof
~	mrami053	(Ramirez, Michael)	Edit data for mrami053
~	erami030	(Ramirez, Edward)	Edit data for erami030
-	rray004	(Ray, Rachel)	Edit data for rray004

Save

There is NO undo for this function. Do not use it unless you know what you are doing! When you un 3.5_THE_CHAIN_RULE for this student.

Unassign from All Users ORead only OAllow unassign

Modifying HW Scores And Criteria for An Individual Student



Force problems to be numbered consecutively from one (always done when reordering problem Any time problem numbers are intentionally changed, the problems will always be renumbered. It is before the open date. You probably want to renumber the problems if you are deleting son When changing problem numbers, we will move the problem to be *before* the chosen number.

Add 1 blank problem template(s) to end of homework set

Save Changes Reorder problems only (Any unsaved changes will be lost.)

Add prol	Add problems to Target Set: 2.5_THE_CHAIN_RULE Edit Target Set 								
Create	a New Set in This Course:	Name for new set here							
Browse	National Problem Library	Local Problems	From Th	is Course	Set D	efinition Files			
		or Problems from	NPL Directory						
Subject:	Calculus	~		Upo	date Chapt	er/Section Lists			
Chapter:	Differentiation	~			Ad	Ivanced Search			
Section:	The Chain Rule		~						
View P	roblems Display Mode	jsMath 🗸 Max. S	Shown: 20 🗸 [\Box Hints \Box So	lutions				
	1	here are 370 matching W	/eBWorK probl	em files					
	Mark All For	Adding Clear All	Marks (Clear Problem [Display				
	Update	Set Rerando	omize						

Add proble	ems to Target Set: 2.5	THE_CHAIN_RULE		✓ Edit Target Set				
Create a l	New Set in This Course:	Name for new set here						
Browse	National Problem Library	Local Problems or Problems from N	From This Course	Set Definition Files				
Subject: Chapter: Section: View Prol	Calculus Differentiation The Chain Rule blems Display Mode: [Th	y jsMath y Max. She ere are 370 matching WeI	∪p > own: 20 ✓ □ Hints □ So 3WorK problem files	date Chapter/Section Lists Advanced Search				
File name: Don't sl	Mark All For Adding Clear All Marks Clear Problem Display Update Set Previous page Next page Rerandomize File name: Library/Utah/Calculus_I/set4_The_Derivative/1210s4p14.pg Edit it Try it Don't show this problem on the next update Image of the next update Image of the next update Image of the next update							
(0 pts) If then $f'(x)$	=	$f(x) = \cos(4$	x+2)					
File name: Don't sh Add thi	Library/Utah/Calculus_ how this problem on the is problem to the target s	I/set4_The_Derivative/12 next update set on the next update	10s4p6.pg	<u>Edit it</u> Try it				
(o pis) II		$f(x) = \sin(s)$	in(x))					

Add prol	Add problems to Target Set: 4.2_RELATED_RATES								
Create a New Set in This Course: Name for new set here									
Browse National Problem Library Local Problems From This Course Set Definition Files or Problems from NPL Directory									
Subject: Chapter: Section: View P	All Subjects All Chapters ✓ All Sections ✓ roblems Display Mode: The	✓ jsMath ✓ Max. ere are 22757 matching	Shown: 20 ∨ WeBWorK p	Upd Hints So. roblem files	late Chap A	ter/Section Lists dvanced Search			
	Mark All For A Update Se	dding Clear Al	l Marks Iomize	Clear Problem E	Display				

Add pro	Add problems to Target Set: 4.2_RELATED_RATES							
Create	a New Se	et in This Course:	Name for	new set here				
Browse	Nationa	al Problem Library	Loca	al Problems	From T	his Course		Set Definition Files
or Problems from NPL Directory								\sim
NPL Dir View Pi	rectory P roblems	roblems: <mark>Select a</mark> Display Mode: j	Problem (sMath	Collection ✓ Max. Sho	wn: 20 🗸	□Hints □So	lutio	ns
Mark All For Adding Clear All Marks Clear Problem Display								ау
Update Se		et	Rerandomize					

Add pro	blems to Target Set	✓ Edit Target Set						
Create	a New Set in This Co	urse: Name	for new set here					
Browse	Set Definition Files							
	or Problems from NPL Directory							
NPL Dir View Pi	ectory Problems: R roblems Display M	ochester/setDe ode: jsMath	erivatives8RelatedR Max. Sho	ates own: 20 ✔ □]Hints 🗆 So	V		
Mark All For Adding Clear All Marks Clear Problem Display								
	Upd	late Set	Rerandom	ize				

10/201E 1 00 00 DDT

The Student's Guide

- The Student's Guide is here:
- <u>http://mathdept.ucr.edu/pdf/studenttools/W</u> <u>eBWorK%20Students%20Guide%20Mar2012.</u> <u>pdf</u>
- Please make it available to your students as it will answer most of their common questions.
- To avoid syntax error, encourage your students to preview their answers before submitting.

Preview Answers



You have attempted this problem 0 times. You have 5 attempts remaining.

Preview Answers

PREVIEW ONLY -- ANSWERS NOT RECORDED

Entered	Answer Preview		
$[\cos((z-6)/(z+6))*[(z+6)*1-(z-6)*1]]/[(z+6)^2]$	$\frac{\cos(\frac{z-6}{z+6})((z+6)\cdot 1-(z-6)\cdot 1)}{(z+6)^2}$		

(1 pt)

Differentiate
$$F(z) = \sin \frac{z-6}{z+6}$$
.
 $F'(z) = \frac{\cos[(z-6)/(z+6)]^*[(z+6)(1)-(z-6)(1)]/(z+6)^{h_2}}{2}$

Preview Answers Submit answers

You have attempted this problem 0 times. You have 5 attempts remaining.

- You can wait until the end of the quarter and score all your homework sets together.
- However, it is recommended that you score them as they come due and backup a copy of your gradebook on your own computer or cloud.
- Each time you score a set, your old file is backed up and becomes a dot bak file before it is overwritten.

Main Menu

WeBWorK \rightarrow MATH_009A_030_12F

Courses

MATH 009A 030 12F

WeBWorK

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1	Classlist Editor
	Imwk Sets Editor
1	ibrary Browser
1	Statistics
	Student Progress
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1	man
1	File Manager
1	Course Configuration
1	Help 🝳
le	port bugs

Sel.	Name
	1.1 LINES
	1.2 DISTANCE BETWEEN TWO POINTS
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	1.4 SHIFTS AND DILATIONS
	2.1 SLOPE OF A FUNCTION
	2.2 AN EXAMPLE
	2.3 LIMITS
	2.4 THE DERIVATIVE FUNCTION
	2.5 ADJECTIVES FOR FUNCTIONS
	3.1 3.2 POWER RULE N LINEARITY
	3.3 THE PRODUCT RULE
	3.4 THE QUOTIENT RULE
	3.5 THE CHAIN RULE

Status

MAA MATHEMATICAL ASSOCIATION OF AMERICA

closed, answers available closed, answers available

Scoring Tools



Totals

MATH_009A_030_12F_totals.csv

NO OF FIELDS	,	,	,	,	,	,	,	1	1	,
SET NAME	,	1	1	,	,	,1.1 LINES	,1.2 DISTANCE BETWEEN TWO POINTS	,1.3 FUNCTIONS	,1.4 SHIFTS AND DILATIONS	,2.1 5
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DUE DATE	,	1	1	,	,	,	1	,	1	,
DUE TIME	,	1	1	1	1	,	1	1	1	,
PROB VALUE	,	1	1	1	1	,7	, 6	,6	,8	,2
STUDENT ID	,login ID	,LAST NAME	,FIRST NAME	, SECTION	, RECITATION	,total	,total	,total	,total	,tota]
861054044	,mabou001	,Abou-Ramadan	,Mohammad	,	,	,7.0	,6.0	,6.0	,7.0	,2.0
861067146	,kagui010	,Aguilera	,Kimberly	,	,	,7.0	,6.0	,5.0	,8.0	,2.0
861023362	,eamez002	,Amez	,Evelyn	,	,	,0.0	,0.0	,0.0	,0.0	,0.0
860887197	,kblak002	,Blakeman	,Kelly	1	7	,0.0	,0.0	,0.0	,0.0	,0.0
861063685	,gboba001	,Bobadilla	,Gabriela	,	,	,7.0	,6.0	,6.0	,4.8	,1.0
861057881	,scart006	,Carter	,Siarra	1	1	,6.0	,5.3	,4.0	,8.0	,1.2
861061593	,ccerv018	,Cervantes	,Crystal	1	7	,7.0	,6.0	,6.0	,7.8	,2.0
861077962	,nchan013	,Chan	,Nelson	,	,	,7.0	,6.0	,6.0	,7.5	,2.0
861050649	,lcheu003	,Cheung	,Lok	,	,	,7.0	,6.0	,4.5	,7.8	,1.8
861047390	,acho011	,Cho	,Alice	1	,	,7.0	,6.0	,6.0	,7.0	,2.0

Scoring Tools



Totals

After scoring, click on this link to open the file

MATH_009A_030_12F_totals.csv

sv 🖊

and save it to your own computer or cloud.

NO OF FIELDS	,	,	r	,	,	,	,
SET NAME	,	1	1	1	1	,1.1 LINES	,1.2_DISTANCE_BETWEEN_TWO_POINTS
PROB NUMBER	,	1	,	,	1	, –	,
DUE DATE	7	1	1	/	,	,	1
DUE TIME	,	1	,	,	,	,	1
PROB VALUE	,	1	,	,	1	,7	,6
STUDENT ID	,login ID	,LAST NAME	,FIRST NAME	,SECTION	, RECITATION	,total	,total
861054044	,mabou001	,Abou-Ramadan	,Mohammad	,	,	,7.0	,6.0
861067146	,kagui010	,Aguilera	,Kimberly	,	,	,7.0	,6.0
861023362	,eamez002	,Amez	,Evelyn	,	,	,0.0	,0.0
860887197	,kblak002	,Blakeman	,Kelly	,	,	,0.0	,0.0
861063685	,gboba001	,Bobadilla	,Gabriela	,	,	,7.0	,6.0
861057881	,scart006	,Carter	,Siarra	,	,	,6.0	,5.3
861061593	,ccerv018	,Cervantes	,Crystal	,	,	,7.0	,6.0

Finding Your Gradebook

Courses			
F F	ile Manager		
Descuerd/Empil			
Sandos	A tomplatos	1	
nates Teels		1	Show Date & Size
Classist Editor	A Simple Combined Uceden File ng		View
Umurk Sets Editor	AsimpleCombinedneaderfile.pg	~	11011
Library Provisor	ASimpleScreenHeaderFile ng		Edit
Ctaticties	Library@		Deverteed
Statistics	UCB/		Download
Scoring Tools	course info.txt		Rename
Email	email/		
File Manager	gc MATH 009A 030 12F fullgc 2012.1st		Сору
	macros/		Doloto
Course configuration	set0.1_INTRODUCTION_TO_WEBWORK.def		Delete
Help 🔽	set1.1_LINES.def		Make Archive
Archive this Course	set1.2_DISTANCE_BETWEEN_TWO_POINTS.def		
Report bugs	set1.3_FUNCTIONS.def		Name Title
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	SetZ.Z AN EXAMPLE.del	\sim	
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Upload:		Browse

Finding Your Gradebook



Contact The WeBWorK Admin

Rob Lam Academic Coordinator Surge 211A (951) 827-3117 robert.lam@ucr.edu