

Instructions for Online Homework (WebWork)

The purpose of the online homework is to give you extra practice doing problems with immediate feedback. You can do these homework problems any time you like. You may attempt each homework problem up to 20 times. The first homework set is the Orientation, which you should logon and do right away.

You should do the homework sets when they are assigned in class. Due dates are set so that you have time to practice the problems and improve your score before the grading deadline for a particular assignment. Remember, WebWork is 15% of your grade, so take these assignments seriously. Only the best score you receive for a problem is recorded and you may do each problem up to 10 times. Take every opportunity to get the best score you can! Ask for help if you need it.

You are NOT ALLOWED to use books, notes, cell phones, PDA's, the internet, or the assistance of others on these homework sets. Calculators are allowed only when indicated. **YOU ARE ON YOUR HONOR** to follow these instructions. **Don't cheat.**

LOGGING IN: The website is

http://hosted2.webwork.rochester.edu/webwork2/SFASU_mth144/

This is the website for all sections of 144 using Webwork. Your username is your mySFA username and your password is also your mySFA username (it is **NOT** your mySFA pin/password!) For example, if your email address is longjh@titan.sfasu.edu, you use

Username: longjh

Password: longjh

As the instructor, I can see information about your account on WebWork, including when you've logged in and how you've answered problems.

For information on how to input your answers in WebWork, turn this page over.

Don't forget to logon and do the Orientation!

Syntax and Notation (Or, How to Input Your Answers)

You are NOT ALLOWED to use books, notes, cell phones, PDA's, the internet, or the assistance of others on these homework sets. Calculators are allowed only when indicated. **YOU ARE ON YOUR HONOR** to follow these instructions. **Don't cheat.**

To submit your homework set for grading, press "Submit Test".

Mathematical Symbols In WeBWork

- + Addition
- - Subtraction
- * Multiplication can also be indicated by a space or juxtaposition, e.g. $2x$, $2x$ or $2*x$, also $2(3+4)$.
- / Division
- ^ or ** You can use either ^ or ** for exponentiation, e.g. 3^2 or $3^{**}2$
- () You can also use square brackets, [], and braces, { }, for grouping, e.g. $[1+2]/[3(4+5)]$

Syntax for entering expressions

- Be careful entering expressions just as you would be careful entering expressions in a calculator.
- Don't enter $2/4+5$ (which is 5.5) when you really want $2/(4+5)$ (which is $2/9$).
- Don't enter $2/3*4$ (which is $8/3$) when you really want $2/(3*4)$ (which is $2/12$).
- Entering big quotients with square brackets, e.g. $[1+2+3+4]/[5+6+7+8]$, is a good practice.
- Is -5^2 positive or negative? It's negative. This is because the square operation is done before the negative sign is applied. Use $(-5)^2$ if you want to square negative 5.
- When in doubt use parentheses!!! :-)
- The complete rules for the precedence of operations, in addition to the above, are
 - Multiplications and divisions are performed left to right: $2/3*4 = (2/3)*4 = 8/3$.
 - Additions and subtractions are performed left to right: $1-2+3 = (1-2)+3 = 2$.
 - Exponents are taken right to left: $2^3^4 = 2^{(3^4)} = 2^{81} =$ a big number.
- **Use the "Preview Button" to see exactly how your entry looks. E.g. to tell the difference between $1+2/3+4$ and $[1+2]/[3+4]$ click the "Preview Button".**
- $\text{abs}()$ gives the absolute value