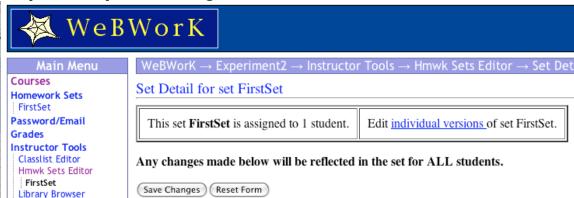
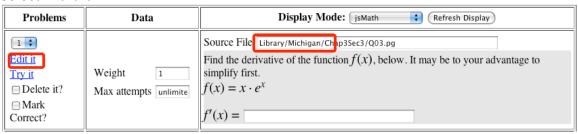
## Modifying a problem - Changing Text Only

In looking at editing a WebWork problem we start with the easiest case. I have a problem that I like out of the library, and I want to change some of the text of the problem. (The problem may have been written in a context different from my class, so I want to add a hint or provide information.)

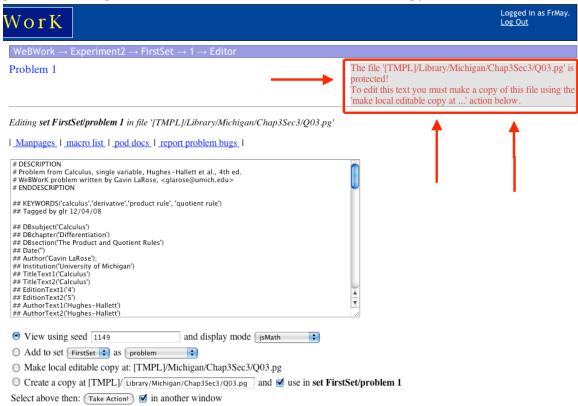
I will start with a simple differentiation problem for a fictitious class, Experiment2. The problem is part of the assignment FirstSet.



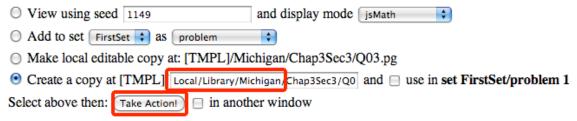
Note that the problem comes from the Michigan contributions to the Library. I will select "Edit it"



This pulls up a new window with the text of the problem and a warning that the problem file is protected. In order to edit it I need a local copy.



Thus I start by making a local copy. To make things simple I am changing "Library/Michigan/" to "Local/Library/Michigan/" and leaving the rest of the file name the same. (This lets me change back without getting too confused. It also leaves the address string intact if I want to remember where the file came from.)



WebWork lets me know that I have created a copy of the file.

```
WeBWork → Experiment2 → Undefined_Set → Undefined_Set → Editor

Problem Undefined_Set

Saved to file

'[TMPL]/Local/Library/Michigan/Chap3Sec3/Q03.pg'. A new file has been created at

'[TMPL]/Local/Library/Michigan/Chap3Sec3/Q03.pg' with the contents below. No changes have been made to set

FirstSet.

Editing unassigned problem file: set Undefined_Set/problem Undefined_Set in file '[TMPL]/Local/Library/Michigan/Chap3Sec3/Q03.pg'

| Manpages | macro list | pod docs | report problem bugs |

# DESCRIPTION

# Problem from Calculus, single variable, Hughes-Hallett et al., 4th ed.

# WeBWork problem written by Gavin LaRose, <glarose@umich.edu>

# ENDDESCRIPTION
```

In the text of the problem, I now scroll down through a bunch of comments and other nice things to find the phrase "BEGIN\_TEXT".

## KEYWORDS('calculus', 'derivative', 'product rule', 'quotient rule')

## Tagged by glr 12/04/08

```
TEXT(beginproblem());
$showPartialCorrectAnswers = 1;

$b = random(1,15,1);
$b = e if ( $b == 1 );

Context()=>texStrings;
BEGIN_TEXT

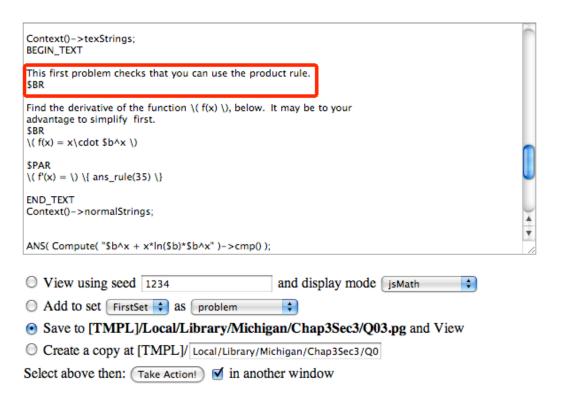
Find the derivative of the function \( f(x) \), below. It may be to your advantage to simplify first.

$BR
\( f(x) = x \cdot $b^x \)

$PAR
\( f'(x) = \) \{ ans_rule(35) \}

END_TEXT
Context()->normalStrings;
```

Now I simply add in or modify the text. I would like to add in a comment that says this will be a problem checking the product rule. I will want to save the changes and view them. (\$BR is a line break. \$PAR starts a new paragraph.)



Since I said I wanted to view in another window, I can see that the problem has been modified as desired.



Edit this problem

Back in my problem set, I now change the file for problem 1 to go to my new localized file. Note that I had to save the changes, and the problem is now part of the homework set.

Problems	Data	Display Mode: [jsMath
Edit it Try it Delete it? Mark Correct?	Weight 1 Max attempts unlimite	Source File Local/Library/Michigan/Chap3Sec3/Q03.pg This first problem checks that you can use the product rule. Find the derivative of the function $f(x)$ , below. It may be to your advantage to simplify first. $f(x) = x \cdot e^x$ $f'(x) = x \cdot e^x$
Edit it Try it Delete it? Mark Correct?	Weight 1 Max attempts unlimite	Source File Library/Michigan/Chap3Sec3/Q05.pg Find the derivative of the function $y$ , below. It may be to your advantage to simplify first. $y = \sqrt{x} \cdot 2^x$ $\frac{dy}{dx} = \frac{dy}{dx}$

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 one. When deleting problems, gaps will be left in the numbering unless the box above is checked.

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 blank problem template(s) to end of homework set Save Changes | Reorder problems only (Any unsaved changes will be lost.)