

**Accessing and Logging on to Maple***Virtual Machine Stations (MNB 110 Lab)*

Log onto the WOU Network

Start > Programs > Maple 16 > Maple 16 [note NOT Maple 11 or 14]  
 Drag Maple 16 onto your desktop for an easy access shortcut for future use.

*Computer Station or Off Campus*

1. Log on to the Terminal Server--ts.wou.edu  
 (Start > Programs > Accessories > Communications > Remote Desktop, or sometimes Start > Programs > Accessories > Remote Desktop)--be sure to log on to Mash, not "this computer".  
 Log in with your usual pawprint name and password
2. Start > Programs > Maple 16 > Maple 16 to open Maple in the Terminal Server environment.

**Starting in Maple**

1. When you launch Maple, you automatically open a blank document mode worksheet
2. There are two options for typing: *Text* or *Math* (use F5 to toggle between them or push the buttons at the top of the screen). *Text* typing is static and does not "communicate" with Maple—use Text typing for labeling problems, typing explanations, etc. *Math* typing is a communication with Maple. Use a *Math* typing box for every Maple code.
3. First two lines, using *Math* typing, type in (exactly)  
 with(student):  
 with(plots):

**Save your work**

Save your open worksheet in your home directory. Use the file name on the assignment

- Save constantly (see troubleshooting)

**Setting your display**

Tools menu &gt; Options

Interface tab &gt; Set Zoom level (you may be fine with the default view)

**Typing tips**

- ✓ To get out of an exponent or the denominator of a fraction, press the right arrow key →
- ✓ Pay attention when you are typing, or instead of typing, for example,  $x^2 - x + 1$ , you will end up with something like  $x^{2-x+1}$
- ✓ To force a line return; hit Shift then Enter

## Trouble Shooting

1. Almost all errors in Maple are the result of typos. Check for missing commas, parentheses, mixed case letters (like X vs. x), etc. If you are sure you have the right thing, try retyping your sentence; typos can be hard to spot.
2. When you are typing a math equation, expression, etc., make sure you are in *Math*, not *Text* format. All mathematics / Maple commands must be typed in a math box.
3. When the output from a Maple command is identical to your input, it means Maple did not understand the input. Either there is a typo (**polt** or **Plot** or instead of **plot**, for example) or else the necessary packages have not been loaded, like **plots**, for example.
4. If Maple freezes or otherwise behaves oddly, then:
  - i) Restart Maple
  - ii) Open a blank document
  - iii) *Before doing anything else* type  $1+1$  <Enter>
  - iv) Wait for a few moments for a "connecting to kernel" window to appear and then close (this may take 30 seconds or more). If that doesn't help, then ask for assistance.

## Getting Help

1. Ask someone, if possible.
2. Use the Maple Help (the keyboard short cut to help is Ctrl F1)

## Opening a partially complete Maple worksheet

1. When you re-open a Maple worksheet that you have already started, you must reenter each of the top of the file Maple commands (with student, with plots) and also any functions that you have defined. Maple is a computer program and won't "remember" what you did before. Each time you open your Maple worksheet, you have to re-enter items so that Maple has them in the active buffer.

## Turn In

1. Name your file with your last name (or two last names if you are working with a partner) and the lab name. Example: Beaver\_Burton\_Area.mw
2. Email your file to beaverc@wou.edu.
  - Subject: Maple LabName
  - Copy: Your partner if you are working in a pair (one email per partner pair)
  - Attach: Your Maple (.mw) worksheet