

Calculus Lab 1

13 September 2006

Goals:

- Learn how to access Maple and open and save Maple worksheets.
- Learn how to plot a function in Maple.
- Learn how to use Maple to do calculator-like calculation.

1. Have Maple do the following:

- (a) Evaluate $2 + 4$.
- (b) Evaluate $\sin(77)$.
- (c) Evaluate $\log(77)$. Have Maple give the answer in decimal form.
- (d) Plot $52000(0.6^t)$ from $t = 0$ to $t = 20$.
- (e) Plot $3 \sin(4x)$ from $x = 0$ to $x = 4$.

2. Check with me to make sure that you've done everything correctly.

3. Save the Maple worksheet and email it to yourself.