GROUP: _____

Fall 2008   Ma235–Calculus Laboratory I

Checklist for Lab 4: Maple and Multivariate Calculus

General Goals for Lab 4

Our main goal is to get better acquainted with Maple, and get used to Maple commands used in multivariate calculus. You will document the commands you've tried in a report that is similar in style to the lab handout.

Grading Criteria:

Details:	Points	Points Possible
Typesetting/Organization of document:	_____	7
Clairaut's Theorem (Accurate/Complete)	_____	8
Maple(*):	_____	7
Creativity/Nice examples:	_____	3

TOTAL: 25 possible

When/What to turn in: The lab is due at the beginning of our next Lab session (either Wed, Nov 12 or Thurs, Nov 13). Turn in a hard-copy of your lab, and email me the Maple file (**be sure you have "removed all output"**), with `Lab 4X` or `Lab 4Y` in the subject line. You only should turn in one copy per group (so be sure everyone's name is on what you turn in!)

(*) For the Maple file, be sure your commands are laid out nicely (ordered by your report). I should be able to simply open your Maple worksheet and press the `!!!` button to see all your work. Your report need not have any figures, just the comments and the Maple commands.