

# Homework 5

## Multivariable Calculus

Due: Mar 27, 2023, 23:59

Computational problems are graded for completion, each problem is worth 1 points.

Conceptual problems are NOT graded but good for your own development if you like to prove things.

Show all your work to get full credits for each problem.

## 1 Computational

Do the following problems in Stewart's calculus textbook, 8th edition.

Section 14.3: 16-30, 47-51, 76-78

Section 14.4: 1-6

Section 14.5: 1-12, 44, 54

Section 14.6: 11-17

## 2 Conceptual

**Problem 1.** Read about the Cobb-Douglas Production function.

**Problem 2.** Stewart's section 14.4: 92