

MATH 217:101: Multivariable and Vector Calculus (Term 1, 2010/2011)
Homework assignment # 6

Due date: **Friday Oct. 29, 2010 (hand-in in class BEFORE 9:15am)**

Textbook: James Stewart. Multivariable Calculus, 6th Edition.

Please note that we are using Stewart, Multivariable Calculus, 6th edition. NOT Early transcendental. Please make sure you are doing the right problems.

It is important to do suggested practice problems found in the course webpage, in addition to the hw assignment below. See:

<http://www.math.ubc.ca/~yhkim/yhkim-home/teaching/math217/math217.html>

Please also note that the office hours are Th 2:00–3:00, Fri 11:10 – 12:10 or by appointment, at MATH building room 235.

Problems to hand in:

- 15.8 #10*, 20*, 26*
- 15.7 # 6*, 18*, and 42* (apply the second derivative test).
- 16.1 #12*, 14*, 18*
- 16.2 # 12*, 22*, 24*, 26*, 36*