

MATH 217:101: Multivariable and Vector Calculus (Term 1, 2010/2011)  
**Homework assignment # 5**

Due date: **Friday Oct. 22, 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:**

- 15.4 #6\*, 42\*, 46\*
- 15.5 #14\*, 34\*, 36\*,
- 15.6 #14\*, 22\*, 34\*, 37\*, 44\*, 48\*, 52\*
- 15.7 #34\*, 56\*