

MATH 217:101: Multivariable and Vector Calculus (Term 1, 2010/2011)  
**Homework assignment # 10**

Due date: **Friday Nov. 26**, 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:**

- 17.4 # 2\*, 4\*, 8\*, 10\*, 18\*
- 17.5 # 10\*, 12\*, 14\*, 16\*, 20\*, 22\* (Here, **incompressibility** means zero divergence),
- 17.5 # 26\*, 30 (a)\* (b)\*