

MAT 272 -- Multivariable Calculus

Dr. Firoz, Office: ECA 204 (Last updated 01/13/08)

Homework assignments: All chapters and section numbers are given from the book "Multivariable Calculus" (**small book**).

Please do not approach for submitting late homework for any reason. Two home works with lowest points will be dropped. Home works turned in without name will not be graded.

Suggested homework problems:

- 1. Due on Wednesday, Jan 23:**
Section 12.1 no. 8, 12, 18;
Section 12.2 no. 10, 12, 14, 16, 22, 26;
Section 12.3 no. 6, 10, 16, 24, 28, 44.
- 2. Due on Wednesday, Jan 30:**
Section 12.4 no. 2, 6, 16, 26, 44;
Section 12.5 no. 4, 10, 12, 36, 42,
Section 12.6 no. 8, 12, 22, 34;
- 3. Due on Wednesday, Feb 6:**
Section 13.1 no. 8, 16, 22, 24;
Section 13.2 no. 4, 10, 22, 28, 30, 36.
Section 13.3 no. 2, 10, 14, 20, 40
- 4. Due on Wednesday, February 13:**
Section 13.4 no. 4, 10, 18, 32
Section 14.1 no. 2, 4, 6, 12, 34;
- 5. Due on Wednesday February 20:**
Section 14.2 no. 10, 16, 18, 22, 36;
Section 14.3 no. 2, 4, 12, 14, 22, 48, 58;
Section 14.4 no. 10, 14, 28, 30.

6. **Due on Wednesday February 27:**
Section 14.5 no. 10, 12, 18, 26, 36;
Section 14.6 no. 4, 12, 20, 22;
Section 14.7 no. 10, 14, 28, 30.

7. **Due on Wednesday March 5:**
Section 14.8 no. 10, 12, 18, 22, 24, 26, 34, 36;

8. **Due on Wednesday March 19:**
Section 15.1 no. 6, 8, 12, 18;
Section 15.2 no. 6, 8, 10, 12, 14, 16, 29, 34;
Section 15.3 no. 12, 20, 32, 38, 56;
Section 15.4 no. 4, 17, 18 (don't do graph in #18).

9. **Due on Wednesday, March 26:**
Section 15.7 no. 12, 16, 30, 34, 48;
Section 15.8 no. 8, 12, 18, 28, 38;
Section 12.7 no. 12, 20, 30, 42

10. **Due on Wednesday, April 2:**
Section 15.9 no. 12, 14, 22;
Section 16.1 no. 6, 8, 14, 26, 28.

11. **Due on Wednesday, April 9:**
Section 16.2 no. 6, 8, 14, 22, 32
Section 16.3 no. 4, 8, 14, 20, 26, 30, 32;
12. **Due on Wednesday, April 16:**
Section 16.4 no. 8, 12, 22, 24.
Section 16.5 no. 6, 10, 12, 14;

13. **Due on Wednesday, April 23:**
Section 16.7 no. 4, 8, 12, 22, 28;
Section 16.8 no. 4, 10, 14, 16, 18;
Section 16.9 no. 4, 10, 14, 16, 21