Math 281-1

VOLUME FORMS AND SURFACE INTEGRALS

Problems are from Stewart's Essential Calculus: Early Transcendentals 2nd Ed. or from Evans's ISP Mathematics 281 Volume I.

- 1. Stewart 13.2 1, 3, 5, 11
- 2. Stewart 13.2 19, 21
- 3. Stewart 13.2 39
- 4. Stewart 13.2 45
- 5. Stewart 13.7 5, 7, 11, 15, 17, 19
- $6. \text{ Stewart } 13.7 \ 21, \ 23, \ 25$
- 7. Evans 4.9 1
- $8. \ \mathrm{Evans}\ 4.9\ 3$
- 9. Evans 4.9 6
- $10. \ \mathrm{Evans}\ 4.9\ 9$
- 11. Evans 4.10 1
- $12. \ \mathrm{Evans}\ 4.10\ 3$
- 13. Evans 4.10 10
- 14. Evans 5.2 1
- $15. \ \mathrm{Evans}\ 5.2\ 3$
- 16. Evans 5.2 6