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 12.8 1, 3, 5
- 2. Stewart 12.8 15, 17
- 3. Stewart 12.8 23, 25
- 4. Stewart 13.2 1, 3, 5, 11
- 5. Stewart 13.2 19, 21
- 6. Stewart 13.2 39
- 7. Stewart 13.2 45
- 8. Stewart 13.7 5, 7, 11, 15, 17, 19
- 9. Stewart 13.7 21, 23, 25
- $10. \ \mathrm{Evans}\ 4.9\ 1$
- 11. Evans 4.9 3
- $12. \ \mathrm{Evans}\ 4.9\ 6$
- 13. Evans 4.9 9
- 14. Evans 4.10 1
- 15. Evans 4.10 3
- 16. Evans 4.10 10
- 17. Evans 5.2 1
- 18. Evans 5.2 3
- 19. Evans 5.2 6