

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

1. Stewart 12.3 1-4
2. Stewart 12.3 7, 9
3. Stewart 12.3 13, 15
4. Stewart 12.3 21
5. Stewart 12.3 23, 25
6. Stewart 12.3 29
7. Stewart 12.6 15
8. Stewart 12.6 17, 19, 23
9. Stewart 12.7 17
10. Stewart 12.7 21, 23, 28
11. Stewart 12.7 33
12. Stewart 12.7 37, 39
13. Evans 4.3 2
14. Evans 4.3 3
15. Evans 4.3 4
16. Evans 4.5 5
17. Evans 4.5 7
18. Evans 4.6 3
19. Evans 4.5 7 (No Mass or Center of Mass)
20. Evans 4.5 10