

Dalhousie University
MATH 2002
Intermediate Calculus II
Homework Problems

Do as many as you feel you need to be able to work the types of problems in each section.

The early problems (usually problem numbers less than 20) should take about 5 minutes each. The later problems in each section might take about 10 to 15 minutes each. The majority of your time working each problem *should* be spent on setting up the integrals, with the evaluation taking a minimal amount of effort. Do not hesitate to email me or stop by my office if you have questions about any of these problems.

Remember: Practice Practice Practice!

Section	Problems
15.2	5, 7, 10, 12, 19, 20
15.3	7, 9, 11, 15, 24, 25, 37, 40, 41, 42
15.4	11, 15, 19, 24, 27, 33
15.5	5, 7, 10, 15, 25, 26
15.6	5, 9, 10
15.7	3–6, 10, 11, 15, 19, 33–35
15.8	7, 9, 12, 13, 17, 19, 20, 23, 38
15.9	1–10, 11, 15, 20, 21.
16.1	3, 4, 11–18, 29–32
16.2	1, 2, 5, 7, 11, 15, 33, 34, 38, 44
16.3	3, 5, 6, 8, 13, 14, 17, 27, 28
16.4	1, 2, 3, 7, 9, 11, 15, 19, 23
16.5	3–7, 12, 15–17, 23, 24, 27, 36
16.6	1, 3, 11–16, 17, 19, 21, 22, 35, 41, 43, 44
16.7	7, 9, 11, 12, 15, 21, 23, 26, 36, 39
16.8	1, 2, 3, 5, 7, 10, 18
16.9	5, 11, 13, 14, 22, 25–28
17.1	2, 5, 6, 9, 23, 27, 28, 30, 31
17.2	2, 5, 7 (using variation of parameters), 19–22 (b) only, 23, 24
17.4	5, 7, 8, 9