

Math 187 – Recommended Practice Homework Problems

The following exercises are *not* to be handed in for marking. Instead, you are encouraged to work on these selected exercises as part of your studying for the course.

Exercises from Washington, Basic Technical Mathematics with Calculus, 8th edition.

Section	Exercises
25.1	9, 11, 13, 15, 19, 21
25.2	17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 47, 51, 55
25.4	5, 7, 11, 15, 17, 19, 21, 23, 25, 27, 29, 33, 35, 41
25.5	3, 5, 9, 11, 15
25.6	3, 7, 9, 13
Ch 25 Review	5, 13, 17, 19, 25, 31, 35, 37, 49, 51
26.1	7, 8, 15, 16, 25, 31
26.2	7, 9, 11, 13, 17, 19, 23, 25, 35, 37
26.3	9, 11, 13, 15, 17, 19, 21, 23, 25, 31
26.4	7, 11, 13, 15, 17, 21, 25
26.5	9, 11, 13, 17, 19, 21, 23
26.6	11, 17, 31, 33, 35
28.1	3, 5, 7, 9, 15, 17, 19, 21, 23, 31
28.2	3, 5, 11, 13, 17, 21, 27, 29, 31, 35, 37
28.3	5, 7, 9, 11, 15, 17, 19, 23, 25, 27, 31, 33, 35
28.4	3, 5, 9, 11, 13, 15, 21, 23, 25, 27, 29
28.5	3 - 31 odd
28.6	5, 7, 9, 11, 17, 19, 21, 27, 31, 33
28.7	3, 5, 7, 9, 13, 15, 17, 19, 21
28.8	3, 5, 7, 9, 11, 13, 17, 19, 21, 23
28.9	7, 9, 11, 15, 17, 19, 21, 29
28.10	5, 7, 9, 11, 13. Try examples: 1, 2, 3, 4
S.4 (page 975)	7, 9, 11, 15
S.5	none
S.6	1, 3, 7, 9, 11, 13, 15, 17, 19
S.7	1, 3, 5, 7, 9, 11, 13. Read examples 3, 4, 5
29.1	23, 25, 27, 29
29.2	1, 3, 5, 7, 11, 15, 17, 19, 23, 25, 31
29.3	3, 5, 7, 9, 11, 13, 17, 21, 25, 27
29.4	3, 5, 7, 9, 11, 19, 21, 27, 29
29.5	3, 5, 7, 11, 13, 15, 17, 21, 23
	Gilles' series problems handout
Ch 29 Review	3, 5, 7, 9, 11, 13, 15, 17, 21, 25, 35, 37, 41, 47, 57

Notes:

- Only the odd-numbered questions have answers! So practice with odds only!
- The colour banding indicates the tentative quiz cutoffs. For example, Quiz 1 will likely test Sections 25.1 to 26.2 inclusive, while Quiz 2 will be on Sections 26.3 up to and including 28.5. Do check the announcements page, though, for any changes.