

MATH 2B SUGGESTED HOMEWORK PROBLEMS

UC IRVINE, ACADEMIC YEAR 2023-24

STEWART, CLEGG, WATSON, *SINGLE VARIABLE CALCULUS: EARLY TRANSCENDENTALS* NINTH EDITION

These suggested problems correspond to the **ninth** edition.

Section	Problems
4.9	5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 23, 31, 35, 39, 43, 45, 47, 65, 68, 75
5.1	1, 2, 3, 5, 9
5.2	1, 3, 5, 8, 19, 20, 35, 41, 42, 43, 61, 63, 67
5.3	2, 3, 9, 11, 13, 15, 17, 19, 25, 27, 29, 33, 35, 37, 43, 45, 47, 49, 51, 67, 68, 70, 83
5.4	12, 13, 15, 22, 27, 39, 40, 41, 42, 44, 50, 59, 60, 61, 62, 64, 69, 73, 81
5.5	3, 4, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 34
5.5 (cont'd)	35, 37, 38, 39, 40, 41, 42, 51, 53, 60, 65, 73, 93, 94
6.1	1, 3, 12, 15, 20, 24, 28, 31, 33, 65
6.2	11, 13, 19, 20, 23, 25, 37, 38, 39, 40, 51, 55, 60, 61, 66, 70, 71
6.5	1, 2, 7, 9, 15
7.1	2, 7, 11, 13, 15, 19, 34, 45, 47, 63, 76
7.2	1, 4, 21, 25, 51, 52, 69
7.3	5, 6, 7, 10, 14, 20, 23
7.4	10, 12, 15, 17, 23, 24
7.5	10, 11, 12, 14, 15, 18, 22, 26, 27, 31, 35, 38, 49, 71, 82
7.8	8, 11, 16, 25, 29, 37, 39, 40, 44, 69, 70, 74, 79
11.1	5, 13, 18, 20, 22, 31, 32, 33, 35, 41, 56, 71, 79, 81
11.2	1, 10, 17, 19, 21, 22, 23, 26, 29, 33, 42, 47, 59, 63, 74
11.3	2, 4, 7, 16, 23, 27, 31
11.4	1, 8, 9, 11, 21, 26, 30, 35, 37, 46, 51
11.5	5, 10, 13, 17, 25, 31, 46
11.6	1, 4, 10, 12, 16, 21, 22, 24, 39
11.7	11, 12, 15, 18, 19, 21, 22, 23, 25, 27, 31, 35, 37, 42, 45, 47
11.8	4, 11, 13, 15, 21, 24, 33
11.9	1, 3, 10, 18, 21, 27
11.10	12, 14, 21, 24, 25, 28, 40, 42, 62, 79, 87, 89

The end-of-chapter review problems are also highly recommended. Solving these problems is good practice for the midterms and final because for these end-of-chapter problems you will not know in advance a precise section to which the problems correspond.