

Math 253 Assignment Sheet

Text: ***Calculus: Concepts and Contexts*** by James Stewart, 3rd Edition

Sections:	Problems:
Conics, A12-A17	47, 48, 49, 50, 52. Also see the supplemental handout on conics on the department web page.
9.6	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31 Note: Some problems in this section require the use of computer algebra system and may be assigned as computer lab exercise problems.
9.7	1, 2, 3, 4, 5, 7, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 27, 29, 31, 33.
10.1	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37. Note: Some problems in this section require the use of computer algebra system and may be assigned as computer lab exercise problems.
10.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 41, 43.
10.3	1, 3, 5*, 7, 9, 11, 13, 15, 17, 19, 21, 25*, 27, 31, 37, 39, 41, 44.
10.4	3, 5, 7, 9, 11, 13, 15, 17, 19*, 21, 23, 27*, 31, 33, 35*.
10.5 (Deferred)	Note: This section can be deferred until the section 13.6. 1, 3, 5, 9, 11, 13, 15, 17, 19, 21, 23, 27*, 30*, 32*. Note: Some problems in this section require the use of computer algebra system and may be assigned as computer lab exercise problems.
11.1	1, 5, 7, 9, 10, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41. Note: Problems 27 and 29 require the use of computer algebra system and may be assigned as computer lab exercise problems.
11.2 (Optional)	Optional
11.3	1, 3, 5, 7*, 9, 13, 15, 17, 19, 21, 22, 23, 25, 27, 29, 31, 33*, 35, 37, 41, 45, 47, 49, 51, 53, 55, 59, 65, 71, 73, 75, 77*, 79*.
11.4 (2 class hrs)	1, 3, 5, 9, 11, 13, 15, 19, 21, 23, 25, 29, 31, (33, 35, 37) . Note: Problems 33, 35, and 37 should be assigned after the section 10.5 has been studied.
11.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 34*, 35*, 37, 39, 41*, 43*, 47.
11.6 (2 class hrs)	1, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23*, 25, 27*, 29, 31*, 35, 37, 39, 41, 43*, 45, 49, 51*, 53* Note: Problem 39 requires the use of computer algebra system and may be assigned as computer lab exercise problems.
11.7	1, 3, 5, 7, 9, 11, 13, 15, 25, 27, 30, 31*, 33, 35, 37, 39*, 41, 45. Note: Problem 31 requires the use of computer algebra system and may be assigned as computer lab exercise problems.
11.8 (Optional)	Optional
12.1	1, 3, 5, 7, 9, 11, 13, 17
12.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27.
12.3	1, 3, 5, 7, 9, 11, 15, 17, 19, 21, 23, 29*, 33, 35, 37, 39, 41, 43, 45, 53.
12.4	1, 3, 4, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29*, 31, 32*.
12.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19. Note: Problem 19 requires the use of computer algebra system and may be assigned as computer lab exercise problems.
12.6 (Deferred)	Note: This section can be deferred until the section 13.6. 1, 3, 5, 7, 9, 11, 21, 28*.

12.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 32, 33, 35, 37, 39.
12.8	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 31, 33, 36, 37*.
12.9 (Optional)	Optional
13.1	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 29, 31, 33, 35*. Note: Problem 19 requires the use of computer algebra system and may be assigned as computer lab exercise problems.
13.2 (2 class hrs)	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 23, 26, 27, 33, 35, 39. Note: Problem 23 requires the use of computer algebra system and may be assigned as computer lab exercise problems.
13.3 (2 class hrs)	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 27*
13.4	1, 3, 7, 9, 11, 13, 15, 17, 19, 21*.
13.5	1, 3, 5, 7, 9, 10, 11, 13, 15, 19, 35*, 37*.
13.6 (2 class hrs)	Note: Sections 10.5 and 12.6 should be studied or reviewed right before the section 13.6. 5, 7, 11, 13, 15, 17, 19, 21, 23, 25, 27, 33, 37*, 39*, 41*, 43*.
13.7	1, 3, 5, 7, 9, 11, 13, 17, 19*. Note: Problem 11 requires the use of computer algebra system and may be assigned as computer lab exercise problems.
13.8	1, 3, 7, 9, 11, 13, 17, 25, 27.

*: The problem may be tough or optional.