

MATH 142 Homework Fall 2006

You may do most problems in any legal manner. (In other words, you are not required to follow a technique stated in the text book.) I am not interested in “graphing utilities”. You may use such a thing, if you like, when you are at home. You will not be able to use such a thing on your exams or quizzes.

section 6.6, page 406	9, 13, 17, 21, 25, 27, 43, 44, 55.
section 6.8, page 423	29, 31, 33, 35, 37, 39, 41, 43, 45.
section 6.9, page 434	1, 3, 7, 11, 15, 18.
section 7.1, page 448	1, 7, 13, 15, 21, 45, 47.
section 7.2, page 456	3, 5, 7, 8, 11, 13, 15, 19, 21, 35, 37, 39, 41.
section 7.3, page 464	1, 7, 9, 13, 16, 27, 29.
section 7.4, page 469	3, 7, 9, 13, 17.
section 7.6, page 479	1, 9, 26, 28a, 29, 31.
section 7.7, page 488	1, 9, 11, 15, 17, 21, 23, 25, 27.
section 8.1, page 512	1, 3, 5, 8, 9, 11, 15, 18, 19, 20, 25, 27, 29.
section 8.2, page 520	1, 5, 9, 11, 15, 17, 19, 21, 23, 27, 29, 35, 39, 49, 50, 51, 52, 53, 54.
section 8.3, page 529	1, 3, 5 (the answer in the back of the book is not quite right), 9, 11, 13, 23, 29, 33, 35, 40, 41, 45, 55, 57.
section 8.4, page 535	1, 3, 5, 7, 9, 11, 13, 15, 19, 29, 30, 32, 33, 35, 39, 41.
section 8.5, page 543	9, 11, 13, 21, 25, 29, 31, 35, (also do problems 13 and 23 from 8.1).
section 8.7, page 567	27bc.

section 8.8, page 577 3, 7, 17, 25, 29, 39, 43, 45a, 47, 48, 49 (volume only), 50, 67.

section 10.1, page 633 1, 5, 7, 9, 11, 23, 27, 29, 38, 39, 41, 42, 46, 47.

section 10.2, page 641 (As always, you may use any legal technique.) 1, 3, 7, 9, 19, 21, 23, 28, 29, 30, 31.

section 10.3, page 649 1, 3, 5, 7, 9, 11, 15, 17, 19, 25, 26, 27, 29, 30, 32, 33.

section 10.4, page 657 9–23, 34b, 35, 37.

section 10.5, page 665 21–45.

section 10.6, page 665 13, 15, 17, 19, 21, 23, 25, 29, 35, 36, 37, 41, 53.

section 10.7, page 684 23, 25, 31, 35, 39, 42.

section 10.8, page 692 23, 24, 25, 27, 29, 31, 33, 35, 43.

section 10.9, page 702 4, 15a, 16a, 19.

section 10.10, page 712 1, 5, 7a, 9a, 13a, 23a, 27a, 29, 30, 35, 36, 44a.