

**Survey of Calculus**  
**Homework Assignment Sheet 2**

General Directions

- Always read and follow the directions on this assignment sheet - they may be different from the directions in the text.
- To receive full credit you must show adequate support work. If you are not sure what work to show, ask for clarification.
- On graphing problems, you should use the methods introduced in class to produce as accurate a graph as possible. Label the scale on each axis and give a t-chart with at least 5 key points (mins, maxes, zeros, inflection points).
- It is very important that you check your answers. Answers to odds are in the back of your text. You may use the instructor's textbook to check your answers to even problems.

Assignment 9

2.1 p. 212 4, 8, 11, 14, 15, 17, 21, 23, 26, 29, 87, 89

Cycle-back: 1.1 p. 106 #21 [Use a table to find the limit.]; 1.2 p. 118 #13; 1.5 p. 155 #87

Assignment 10

2.2 p. 231 5, 8, 12, 15, 17, 21, 23, 27, 35, 40, 45, 103, 106, 107

Cycle-back: 1.2 p. 118 #65; 1.5 p. 157 #107; 1.6 p. 164 #101

Assignment 11

2.4 p. 257 7, 12, 17, 20, 25, 28, 29, 50, 53, 61, 65, 69, 70, 97, 98, 103

Cycle-back: 1.1 p. 107: #70; 1.4 p. 142: #21a; 1.7 p. 174: #40; 2.1 p. 212: #22

Assignment 12

2.5 p. 273 13, 14, 15, 17, 18, 19, 21, 22, 24, 25, 29, 31, 33, 36, 45, 46

Cycle-back: 1.2 p.118: #23, #59; 1.6 p. 163: #8; 1.7 p. 174 #27

Assignment 13

2.6 p. 285 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Cycle-back: Ch 1 Rev p. 190: #44, #47; Ch 1 Test p. 192: #23, #24, #42; 2.2 p. 231: #25; 2.4 p. 257: #26

Assignment 14

2.7 p. 292 3, 8, 9, 13, 16, 21, 25, 29, 30, 35, 36, 39, 40, 41, 45, 47

Cycle-back: 1.8 p. 182 #24; Ch 1 Rev p. 190 #46, #51; 2.2 p. 231 #29

Assignment 15

3.1 p. 319 3, 9, 26, 28, 29, 31, 33, 36, 40, 44, 46, 47, 54, 60, 61, 82, 83 a-c

Cycle-back: 2.2 p. 231 #24; 2.4 p. 259 #62; 2.5 p. 274 #32

Assignment 16

3.2 p.334 2, 3, 12, 15, 22, 34, 41, 47, 52, 55, 58, 59, 62, 63, 66, 67, 69, 83 a-c, 85, 86 a-c

Cycle-back: 1.6 p. 164 #38; 2.2 p. 231 # 28

Assignment 17

3.6 p. 376 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 14, 15

Cycle-back: Ch 1 Test p. 192 #3, #36; Ch 2 Rev p. 301 #24, #40, #43; Ch 3 Rev p. 382 #21, #25