

Math 142 Suggested Homework

Calculus for Business, Economics, Life Sciences, and Social Sciences by Barnett, Ziegler, and Byleen (ed. 10):

Appendix A

Self-Test #'s 1-50, 54-58

§A.1– #'s 7-26 (odd), 35

§A.2– #'s 1-31 (odd), 37, 47, 57, 59

§A.3– #'s 1-8, 9, 13, 19-55 (odd)

§A.4– #'s 1, 5, 7, 11, 13, 17, 21, 25, 29-37 (odd)

§A.5– #'s 3, 5, 9, 11, 23, 27, 33, 37, 39, 43, 57

§A.6– #'s 1-11 (odd), 25-41 (odd), 45, 51, 57, 63, 83, 87

§A.7– #'s 1, 11, 15, 17, 21, 25, 53, 55, 59, 61

§A.8– #'s 1-37 (odd), 43, 45

Chapter 1

§1.1– #'s 1, 3, 4, 6-10, 12, 13-23 (odd), 24, 25, 27, 29, 31, 33-38, 39-44, 47-50, 55-67 (odd), 68, 69, 71, 73, 75-78, 79-85 (odd), 88, 89, 90

Note: Add questions about the domain of odd roots

§1.2– #'s 1-8, 9-17 (odd), 18-20, 21-27 (odd), 29-36, 37-42, 43, 45, 47, 61, 65, 67

§1.3– #'s 1-5, 7-21 (odd), 25-43 (odd), 46-48, 51-56, 57, 59, 61-63, 65, 67, 69

§1.4– #'s 1-33 (odd), 34, 35, 39, 41, 42, 45-47, 53-61 (odd)

Chapter 2

§2.1– #'s 1, 3, 4, 5, 7, 9, 11-19, 23, 25-31, 35-43 (odd), 45-52, 55-61 (odd), 63-65, 68

§2.2– #'s 1-9 (odd), 10, 15-23, 27, 29, 43-52, 57, 59, 61-63, 65-67, 69, 71, 73, 74, 79, 81

§2.3– #'s 1, 5, 7, 11-15, 17, 21, 23, 25, 26, 29, 31-42, 43-57 (odd), 58-60, 65,66, 71-78, 79-86 (odd), 93-99 (odd), 100, 103

Note: Add questions about the domain of logarithms

Appendix B

§B.1– #'s all including Chapter 2 Group Activity (pg 655)

Chapter 3

§3.1– #'s 5, 7, 11, 17, 21, 23-79 (odd)

§3.2– #'s 1-9 (odd), 14, 15-23 (odd), 41-47 (odd), 49-53 (odd), 59-69 (odd), 71, 77, 79

§3.3– #'s 1-25 (odd), 29, 31-38, 43, 49, 57-65 (odd)

§3.4– #'s 1-17 (odd), 23, 25-49, 55, 69-76, 81-89 (odd)

§3.5– #'s 1-17 (odd), 21, 23, 27-34, 35-59 (odd), 65-71 (odd)

§3.6– #'s 7-21 (odd), 25-55 (odd), 63-75 (odd), 79

§3.7– #'s 1-21 (odd)

Chapter 4

§4.1– #'s 1-18, 19-35 (odd), 39-49 (odd), 51-60, 63, 69, 71, 79, 85, 87, 89, 93

§4.2– #'s 1, 3-7, 9, 13, 17, 19, 21-29, 35, 43, 47, 59, 61, 65, 69, 71

§4.3– #'s 1-11 (odd), 15-22, 33, 39, 41, 49, 63, 65, 71, 73, 77

§4.4– #'s 1, 8, 9, 11, 19, 21, 29, 33, 41, 43, 47-53 (odd)

§4.5– #'s 3, 5, 11-25, 26, 27, 31-39 (odd)

Chapter 5

§5.1– #'s 5-10, 17-29 (odd), 33-39 (odd)

§5.2– #'s 1-8, 9-41 (odd), 47, 49, 53, 59-65 (odd)

§5.3– #'s 1-33 (odd), 37, 43, 45, 49, 53, 55-62, 65, 69-75 (odd), 81

§5.4– #'s 1-11 (odd), 17, 19, 47, 55, 57 elasticity: 21-31 (odd), 35, 39, 41, 49, 53

Chapter 6

§6.1– #'s 1-91 (odd), 93, 97, 103, 105

§6.2– #'s 1-65 (odd), 67, 69, 71, 73, 79, 81

§6.4– #'s 1-5 (odd), 11(A,B), 15, 17(A), 19, 21, 35-45 (odd)

§6.5– #'s 1-6, 7-19 (odd), 21-24 (all), 25-51 (odd), 63-67 (odd), 73-76, 77, 79, 83, 85, 89, 95, 101

Chapter 7

§7.1– #'s 1-59 (odd), 65, 67, 69, 71, 77

§7.2– #'s 15-31 (odd), 35-51 (odd)

Chapter 8

§8.1– #'s 9, 21-23, 29, 35, 39, 41, 43, 45, 47

§8.2– #'s 5-10 (all), 19-24 (all), 35, 37, 39, 45, 47, 49-51 (all), 55, 59-69 (odd), 73

§8.3– #'s 3, 7, 11, 15, 17, 19, 21, 29, 31, 33, 35, 37