

Homework Math 150 "Business Calculus"

Ms. Meier

Section	Problems	Questions?
R.1	Pg.7 # 1- 19 odd, exercises #23, 24, 25, 27, 41 - 47	
R.2	19b, 21, 23, 35 - 49 odd, 57, 59, 61, 63	
R.3	Pg. 29 #1 - 7, exercises # 21, 25, 27, 29, 33 - 51 odd, 59	
R.4	13, 15, 17, 27, 29, 31, 37, 39, 41, 43, 47, 49, 66, 67, 69, 74, 75, 76	
R.5	Pg. 55 # 1 - 11odd, exercises # 37 - 67 odd, 87 - 93 odd	

Topics Covered: Graphing functions with graphing calculator, Functions, function notation, domain, range, lines, slope, average rate of change, business functions (cost, revenue, profit, supply, demand).

Section	Problems	Questions?
1.1	11 - 61 odd, 75, 79	
1.2	9- 29 odd, 37, 39, 41, 47, 53, 55, 57, 59	
1.3	1, 5, 7, 13, 17, 21, 29, 31, 35, 43	
1.4	1, 11, 13, 17ab, 21ab, 25, 27, 29, 31	
1.5	1 - 25 odd, 31, 39, 45, 47, 51, 53, 57, 59ab, 63, 67, 79, 89, 93, 96	
1.6	1 - 17 odd, 37, 43, 47, 97, 101, 103, 105, 111	
1.7	1 - 9 odd, 13, 17, 21, 23, 27, 33, 59, 75, 79, 83, 84	
1.8	1 - 21 odd, 55, 56, 57	

Topics Covered: Limits, difference quotient, derivatives, product, quotient & chain rules, Interpretation of derivatives, Average business functions.

Section	Problems	Questions?
2.1	1, 3, 7, 9, 11, 13, 17, 21, 25, 27, 87, 89	
2.2	1, 3, 7, 9, 15, 17, 19, 21, 23, 29, 39, 45, 103	
2.3	1, 5, 9, 11, 13, 15, 17, 21, 25, 37, 49, 63, 65, 67, 68, 83, 85	
2.4	3, 5, 7, 15, 19, 21, 27, 31, 33, 35, 53, 65, 67, 97, 98, 103, 105, 115	
2.5	13, 15, 23, 25, 27, 29, 31, 33, 37, 39, 41, 43, *57	
2.6	1, 3, 5, 9, 17, 19, 21	
2.7	1, 3, 5, 7, 9, 11, 15, 17, 19, 23, 25, 27, 33, 37, 49	
3.1	1, 3, 5, 11 - 53 odd, 77, 83, 85, 87, 89, 91, 93	
3.2	1 - 45 Every other odd (EOO), and 49 - 69 odd, 77, 79, 85, 87	
3.3	31, 43, 48,	
3.4	23, 37, 39, 51	
3.5	1 - 39 odd	
3.6	1 - 15 odd, 14	

Topics Covered: Applications of Derivatives, Absolute and Relative extreme, inflection points, curve sketching. Optimization problems, marginal functions, Implicit differentiation and related rates, Derivatives of Exponential and Logarithmic functions, models of limited growth, present value, elasticity of demand