Math 150 Homework Chapter R & 1   Professor Meier

Start each new section on a separate paper. Show work to justify your answers. When asked to graph, include a sketch of the graph on your paper. Bring to class each day prepared to turn in if requested

Ch. R Topics Covered: Review of Algebra, using the graphing calculator, functions, domain and range, Basic business functions including Profit, Revenue, Cost and Supply and Demand. Finding an equilibrium point.

Section	Problems:	Questions??
Pg 6-7	"Technology Connection" 1 – 20 even	
R.1	23, 25, 27	
R.2	21, 23, 25, 55, 56, 57, 59, 63, 65, 67, 73	
R.3	21, 25, 27, 29, 30, 33, 35, 37, 39, 45, 53, 59, 61	
R.4	19, 21, 27, 28, 29, 37, 41, 43, 47, 49, 66, 67, 68, 75, 76, 77, 85	
R.5	13, 19*, 25, 31, 33, 37, 43*, 45, 47, 49, 53, 54, 55 – 83 odd, 87 – 93 odd, 94 *Use graphing calc. for 19-43, graph in an appropriate window	

Ch. 1 Topics Covered: Limits, Average rates of change, finding derivatives using difference quotient, Derivative rules including Product, Quotient, Chain rule, and Sum-Difference. Higher order derivatives.

Section	Problems:	Questions??
1.1	3, 4, 5, 11, 13, 15 – 20 all, 23 – 27 all, 41 – 49 odd, 65, 67	
1.2	9 – 31 odd, 37, 39, 41, 47, 53, 55	
1.3	1, 5, 15, 17, 19, 27, 29, 31, 32, 33, 39	
1.4	3, 11, 18 ab, 21 ab, 25, 27, 29, 31	
1.5	1 – 35 odd, 51, 53, 57, 77, 79, 87, 89, 91, 94	
1.6	3, 6, 9, 15, 23, 27, 29, 37, 43, 49a, 51a, 53, 55, 57, 59	
1.7	1, 3, 5, 7, 9, 13, 15, 19, 23, 24, 27, 31, 35, 71, 72, 73, 77, 79	
1.8	1 – 11 odd, 19, 25, 55, 57, 58	