

MA 141 Section 011 Fall 2006 Homework

Calculus I

Section	Homework
1.1	#1-2, 22-31, 47-56
1.2	#1,3-4,13-18
1.3	#1-2, 6-7, 31-32, 35-50, 55-56, 62-64
Appendix B	#1-2, 11-24, 37-42 and Make a good sketch of the graphs and answer the following about (a)-(d) <ol style="list-style-type: none">1. This is a(n) _____.2. It is centered at what point?3. Identify the vertices.4. Identify the asymptotes if they apply. <p>(a) $x^2 + \frac{y^2}{4} = 1$</p> <p>(b) $\frac{(x+2)^2}{9} + y^2 = 1$</p> <p>(c) $x^2 - \frac{y^2}{4} = 1$</p> <p>(d) $\frac{(x+2)^2}{9} - \frac{(y+3)^2}{25} = 1$</p>
1.5	#1-2, 7-12, 15-20
1.6	#3-14, 21-26, 33-39, 47-52, 57-58
1.7	#5-10, 13-16, 20
2.1	#1, 2, 5, 6
2.2	#1-6, 9-12
2.3	#1-22, 27-28, 31-35
2.4	#1, 3-7, 25, 27
2.5	#3, 4, 15-33
2.6	#3, 7-10, 17-20
2.7	#3-8, 9a, 10a, 13-18, 25-26, 36
2.8	#1-7, 19-25, 31-34

2.9	#1-4,8,11-22,24-26 (Only have to do odds, but encouraged to do all)
3.1	#3-26, 37-38, 41-49, 51-52, 56-58 (Only have to do odds, but encouraged to do all)
3.2	#2-22, 29-36, 41-42 (Only have to do odds, but encouraged to do all)
3.4	#1-18, 23-24, 26, 44
3.5	#1-36 odd, 41-45, 69-71 (Encouraged to do 1-36 even)
3.6	#1-20 odd, 22(a & b), 28, 29-35, 39-40, 42-46, 53 (Encouraged to do 1-20 even)
3.7	# 1-20 odd, 27-38, 40 (Encouraged to do 1-20 even)
4.1	# 1, 2, 4, 16-18, 22
4.2	# 3-6, 15-18, 12-32 even, 37-48 even (Encouraged to do all odd also)
4.3	# 7-14, 19-26
4.5	# 1-4, 5-40 even (Encouraged to do all odd also)
4.6	#1-7, 9-13, 15- 19, 21-24, 32, 39
4.8	#1-6, 9-12, 26
4.9	#1-31, 39-40, 42, 44
5.1	#1-5, 11-13, 15-16
5.2	#1-12, 17-20, 31-32, 33-43
5.3	#1-30, 37-38, 41, 43, 45-47, 49, 52, 57-58, 68
5.4	#1-15, 19-20, 26,27
5.5	#1-34, 39-54, 59, 63-65, 67
5.6	#1-28, 33, 37-41, 43-45
5.7	#1-6
5.7	#7-32
Appendix G	#1-34
5.8	TBA