

Homework Assignment

MAT 220 – Fall 2009

(the instructor reserves the right to make changes on this assignment list)

Note for Patricia → Redo these sets

Section Number	Problem Numbers
1.1	2, 10, 12, 13, 14, 16 - 18 all, 21, 22, 27, 30, 33, 37
1.2 (Read First)	1 - 8 all, 11
1.2	5, 7-12 all, 17, 19, 20, 30, 34, 35, 36, plus finish the handout/quiz
1.3 (Read First)	1, 9, 15, 17
1.3	14, 21, 23, 27, 43 - 48 all, 53, 54 (be sure to come with questions!)
1.4 (Read First)	1, 4
1.4	9, 15, 34 - 36 all, 40, 41, 46, 47, 52, 53
1.5 (Read First)	3, 6
1.5	Memorize that unit circle, 3, 6, 13, 16, 24, 28, 37, 43
1.6	3, 5, 6, 10, 14, 16, 25, 29
1.7 (Read First)	19
1.7	3, 9, 15, 20, 21
1.8 (Read First)	12
1.8	1, 2, 3, 13, 22 - 24 all, 32, 34, 41, 47
2.1	1, 2, 5, 6, 9, 11, 13, 15, 16, 18-21 all, 23
2.2	1, 9 - 11 all, 13, 14, 15, 25, 39, 42
2.3 (Read First)	1, 3
2.3	4, 5, 7, 10, 15, 16, 21, 22, 23, 27, 34, 35, 37, 38, 40, 41, 45
2.4 (Read First)	1 - 5 all
2.4	10, 12, 13, 16, 17, 18, 19, 21, 24
2.5 (Read First)	1, 2
2.5	3 - 13 all, 14 a, 18, 22, 27, 29, 30, 31
2.6 (Read First)	1, 3
2.6	2, 4, 5, 8, 9, 11
3.1 (Read First)	1, 2, 51
3.1	3 - 5 all, 49, 50, 52, 53, 54, 55, 59, 60, 64, 69, 70, 71, Not on quiz, required for Gateway: 7 - 47 odd
3.2 (Read First)	1, 3,
3.2	27, 30, 32, 35, 38, 42, 43, 44, 45, 46, 47, Not on quiz, required for Gateway: 5 - 25 odd
3.3 (Read First)	1
3.3	2, 6, 10, 18, 28, 30, 31, 32, 40, 41, 43, 45, 54
3.4 (Read First)	1
3.4	4, 16, 32, 51, 52, 59, 61, 64, 68, 70, 83, Not on quiz, required for Gateway: 1 - 49 odd
3.5 (Read First)	2
3.5	9, 10, 11, 17, 19, 21, 23, 36, 40, 41, 43, 45, Not on quiz, required for Gateway: 3 - 39 odd (with the exception of 19, 21 and, 23)
3.6 (Read First)	35, 37
3.6	38, 40, 41, 45, 49, 53, 56, 58, 61, Not on quiz, required for Gateway: 1 - 33 odd

3.7 (Read First)	Simply read the section <i>carefully</i> .
3.7	3, 11, 15, 21, 25,
3.8	Skip
3.9	1, 3
More GW Practice	p. 92, # 45 , 46, , p. 109, # 15, 16 (find $n'(x)$ using the <u>definition of the derivative</u>),
T2 Non-gateway practice	p. 107, #1, 2, 8, p. 91, look at the graph in #29, define it as $f'(x)$ and sketch the graph of $f(x)$, p. 153, #9, 13, 29, p. 162, #13, 15
4.1	5, 8 – 10 all, 15, 17, 19, 21, 24, 28 – 31 all, 35, 36, 44, 45, 47, 49, 50
4.2 (Read First)	1, 2
4.2	5, 7, 12, 22, 25, 29, 31
4.3	(Read First) 1, 5, 6, 7, 10, 11 (there will be more later)
4.4 (Read First)	1
4.4	6, 17, 23, 33, 38, 46
4.6 (Read First)	1
4.6	27, 28, 31, 33, 35, 39, 45, 46 (for fun)
4.7	9 – 13 all, 17, 19, 25, 33, 41
5.1	3, 4, 7, 9, 11, 13, 15, 27
5.2	1, 3, 7, 11, 14, 19, 24, 29, 31, 33
5.3 (Read First)	1, 3
5.3	5, 15, 21, 26, 29, 31, 38, 39,
5.4 (Read First)	1
5.4	3, 5, 6, 19, 28, 29, 33, 37, 39
6.1 (Read First)	
6.1	1, 3, 5, 6, 11, 16, 24
6.2 (Read First)	
6.2	1 – 27 odd, 37 – 53 odd, 69, 71, 75, 77, 80, 83
6.4 (Read First)	17
6.4	4, 5, 9, 16, 27, 31, 3, 45
6.5 (Read First)	1, 3, 7, 11