

MATHEMATICS ASSIGNMENTS  
 CALCULUS– MS. WILDSTROM  
 AUGUST 26-SEPTEMBER 17, 2008

DATE	READING LECTURE	PROBLEMS DUE	QUIZ/WORKSHEET
Tues., Wed.,	8-26 8-27	Introduction Pre-Calculus Review	
		p. 12-14 #3,5-8,21, 23,31-37 odd, 39 d.f, 45-55 odd, 58-60,64,67.	
Thurs., Fri.,	8-28 8-29	1.1	
		p. 23-26 #5,9,14,15,18,25,27,33,35,39. p. 37-38 #1,3,7,8,13,17-20 all,33,35,37, 45-64(choose some). NO SCHOOL!	Journal (8-31)
Mon., Tues., Wed., Thurs., Fri., Mon.,	9-1 9-2 9-3 9-4 9-5 9-8	1.2 1.3 8.1 Logs and Exponents	
		p. 12-14 #25,27,29,43,65,66,75-82 all. p. 23-26 #23,25,41-49 odd, 53-62 all. p. 37-38 #21-26 all, 39,40,43,44.	
		p. 432 #3,7,11-17 odd, 19-22,33,35,38.	WORKSHEET 1.1,2 (30)
Tues.,	9-9		
		Logs and exponents review sheet (Do at least half of the problems on the handout.)	
Wed.,	9-10	Review	
		Loose Ends	
Thurs., Fri.,	9-11 9-12	2.1 2.1	
		p. 48-49 #5,9,13,15,17,19,20, 23,26,27	WKSHT 1.3,8.1 log/exp (35) Journal (9-14)
Mon., Tues., Wed.,	9-15 9-16 9-17	2.2, EDGAME 2.2	
		p. 49-51, #31,33,37,39,41, 45,47. p. 58 #7-12 all NOTEBOOKS DUE! (20)	TEST (1.1,2,3, 8.1, logs/exps)

In this unit which we will use to review pre-calculus concepts, there will be much work that we assume you already know from your previous studies. The problems listed with August 29 are NOT required in your notebook, but the material that they deal with is assumed for purposes of future discussion, likely to be used in other exercises and are **fair game for test questions**. You should complete as many of those exercises as seem necessary for your own confidence. The problems listed in subsequent assignments (September 1 onward) are required for your homework notebook. You are expected to **READ** the text material as well as completing the problems from the sections.

OBJECTIVES: Students should be able to:

1. Solve equations and inequalities involving absolute value, second and higher degree polynomials, rational and algebraic expressions using algebraic techniques including cases, graphs, and sign lines; sketch graphs as needed (use technology to assist) (1.1)
2. Write equations for lines and circles given appropriate information. Use knowledge about parallel and perpendicular relationships as well as relationships between radii, diameters, and tangents to circles. (1.1)
3. Solve problems involving functions and the algebraic operations on functions (addition, subtraction, multiplication, division, composition, and inverses). Identify domains and ranges of functions, search for symmetries (odd, even), graph functions and observe the effects of various types of changes on the location of the graph (1.2)
4. Review trigonometry with particular emphasis on basic trig relationships and substitutions, graphs (using technology) and some solution of equations (1.3)
5. Review definitions of inverse trigonometric functions and solve problems involving them (8.1)
6. Review definitions and properties governing exponents and logarithms and investigate exponential and logarithmic functions and their relationships. (7.2 – handouts)
7. Approach narrative problems with more emphasis on investigating how changes in one variable will affect changes in other variables over time—begin to see how calculus will be used as a tool for exploring dynamic settings (throughout chapter 1)