

Announcements for Calculus A

Wednesday, November 19, 2008

The summary sheets are done and are now available. Let me know if you would like me to email a copy to you.

P	Description	A %	M %	O
1	Solve an inequality	70	75	6
2a	Matching; shift a given function left	95	100	2
2b	Matching; stretch the function vertically	67	100	1.5
2c	Matching; compress the function horizontally	60	40	1
2d	Matching; reflect the function through the x-axis	80	100	1.5
2e	Matching; shift the function upward	97	100	2
2f	Matching; reflect the function through the y-axis	63	100	1
2g	Matching; take the absolute value of the function	87	100	2
3	Evaluate a trigonometric expression	85	100	6
4a1	Provide the domain of a given function	82	100	2
4a2	Provide the range of the function	81	95	2
4b	Find the inverse of the function	70	100	6
4c	Find the domain and range of the inverse	79	100	2
4d	Evaluate (and simplify) a composition	58	60	3
5a	Find the vertical asymptotes of a given function	72	90	4
5b	Find the horizontal asymptotes of the function	72	90	3
6	Find the derivative of a function evaluated at a point	90	100	3
7a1	Find the derivative	83	100	2
7a2	Find the derivative	46	0	1
7a3	Find the derivative	85	100	2
7b	Find the derivative	64	80	4
7c	Find the derivative	66	85	4
7d1	Find the derivative	55	60	2.5
7d2	Find the derivative	57	70	2.5
8	Use the limit definition to find the derivative	80	95	8
9a	Graph a curve that passes through a given point	94	100	1
9b	Graph a curve that has a specific horizontal asymptote	86	100	2
9c	Graph a curve that has a specific vertical asymptote	86	100	2
9d	Graph a curve that a limit does not exist at a given point	69	100	2
9e	Graph a curve that is odd or even	41	30	3
9f	Graph a curve that is defined for all values of x	81	90	3
9g	Graph a curve that is a function	94	100	3

Looking at the numbers, I would say the final was fairly reasonable. If you had just achieved the median on every problem (that is, scored in the top half for each individual problem in the list), then you would have scored 79.0 out of 90 (87.8 %).

The final exams must remain in my office for one year. You are free to stop by anytime I'm available and look at your exam. Have a good break!

Thursday, October 9, 2008

I have your homeworks in my office now. You can stop by before 4pm today or tomorrow morning and pick up yours.

Also, I'm having lunch with at noon tomorrow with a previous student and so I'm moving my office hour from noon-1pm to 1-2pm.

Tuesday, September 30, 2008

The quiz tomorrow will consist of four questions. Two are from 1.1 – one asks you to graph a piecewise defined function and the other just asks you to determine the domain of a given function. The other two questions are from 1.3 – one is about the composition of functions and the other is about transformations of functions. As with the last quiz and the exam, calculators will NOT be allowed.

Tuesday, September 23, 2008

The quiz tomorrow will consist of three problems. The first contains a few short answer problems about trigonometric functions. The last two are from Section 1.1 (there is nothing from Appendix C). The second question an algebra problem and asks you to simplify an expression (it's in three parts). The third question is a word problem asking you to determine a function about a geometric object. You should be able to derive the formulas you will need. Just be sure to read the problem carefully. As with the last quiz and the exam, calculators will NOT be allowed.

Tuesday, September 9, 2008

I'm still working on the quiz – I will try to get the information posted later this evening. The short answer is to look at Homework 1 and Workshop 1.

Updated (11pm): I just finished the quiz. It has five questions (but two of these are in multiple parts). The material is taken from Appendix A but a few of the questions cover some additional precalculus topics that I had assumed you have seen before. The best preparation that I can give you is to look at the problems in the items listed in the previous paragraph. Calculators will not be allowed.

Tuesday, September 2, 2008

Welcome! As I will mention in class, this page will be devoted to answering your questions and for me to make any announcements that should be put somewhere so that everyone in class will have access to them the entire quarter. If you email me a question about the homework problems, I will (time permitting) post your question (anonymously) and my response here for everyone to read.

The pre-quiz that you took in class yesterday was taken from one of the diagnostic tests located at the beginning of your textbook. I've posted the quiz on the Schedule page. The answers can be found on pg xxv of your textbook.

I thought better and we will not have a quiz on Wednesday. The first will be next Wednesday.