Math 17B	Printed Name			
Test 2		(FIRST)	(LAST)	
	Signature			

Please Show All Your Work, and Mark Your Answers Clearly.

No Calculators -- No Scratch Paper -- No Cell Phones

There are 4 pages of problems. (The last problem is for extra credit.)

You are expected to do your own work, and to adhere to the UCD Code of Academic Conduct.

Simplify all numerical answers, except in #2 and #7B.

Please indicate clearly if you continue work on the back of a page.

Please stop working <u>immediately</u> when time is called; <u>you are subject to a deduction from your test score</u> if you do not.

(3) EVALUATE
$$\int_{4}^{12} \frac{24}{\sqrt{x}(x+4)} dx.$$

 9

B) USE PART A) TO APPROXIMATE VICE. LYON DO INUT HAVE TO SIMPLIFY NUMERICALLY,)

(x3 e x4 dx.

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(1) Find
$$\left(\frac{x^2 + 16x + 18}{(x-1)(x^2 + 1)}\right) dx$$
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