	Calculus I Spring 2015	Test 2	Name: D. P. Story	_
	Part I. (100 po	-	rror. If you make an error, points will be subtracted	1
(5^{pts})	1. This is an	example of a objective question, the stude	ent fills in his/her response in the space below.	5 pts
(5^{pts})		e of a fill-in question: It is well known that the founders of modern calculus.	t and are jointly	y 5 pts
$(3_{\rm ea.}^{\rm pts})$	3. True or Fa	lse. No justification needed.		
	(a)	If triangles have 4 sides, then all monkey come to the aid of their country.	ys are green. Now is the time for all good men to	0 12 pts
	. ,	of their country.	ow is the time for all good men to come to the aid	
		of their country.	Now is the time for all good men to come to the aid	1
	(d)	$(\forall x)(\exists y)(\forall z)(z(x+y)>0), (x, y, \text{ and }$	z real numbers).	
(15 ^{pts})	the points	example of a auto calculate problem. It t associated with each part using the \PTs) This a hard one!	akes the optional argument '[\auto]'. You specify command.	y 15 pts
	(b) (5 pts)	This one is "half" as hard.		
(11 ^{pts})	(a) (5 pts) 149	In what year did Columbus sail the ocean 1491 1492 In what year did Columbus sail the ocean 1000 1100 1100 1100 1100 1100 1100 11	1493	11 pts

 $48\,\mathrm{pts}$

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ame:		

$(5^{ m pts})$	6. Which of the following best describes Augustin Cauchy?		
	He developed the Calculus while his University He first formulated a precise definition of the was closed for the plague.	5 pts	
	Given credit for first using the functional nota- Gave a rigorous definition of the definite		
	tion $f(x)$ integral—an integral that now bears his name.		
	He created the "bell-shaped curve" and first His notation for the derivative and the integral used the method of least squares.		
(3^{pts})	7. This is a question. Work on the back of page 1, and be quick about it!		
	Peter piper picked a peck of pickled peppers, how	2 4	
	many pecks of pickled peppers did Peter Piper pick?	3 pts	
	Answer:		
(7^{pts})	8. This is a question. Now is the time for all good men to come to the aid of their country. Peter Piper picked a peck of pickled peppers. Use the figure below.		
	(52)		

 $(5^{\rm pts})$

9. This is a question worth 5 points.

5 pts

 $(10_{\rm ea.}^{\rm pts})$ **10.** Answ

- 10. Answer each of the following questions.
 - (a) This is a question.

20 pts

(b) This is a question.

$(12^{\rm pts})$	11. Solve each of the following. Work on the back of page 2		
	(a) This is a question. Be sure you don't make any	(c) This is a question.	12 pts
	error, I'm watching.		

(b) This is a question.

(d) This is a question.

12 pts

Part II. (50 points) The following is a short review of previously mastered material.

 (5^{pts}) 1. This is a question.

5 pts

 (7^{pts}) **2.** This is a question.

7 pts

 (8^{pts}) 3. This is a question.

8 pts

 (5^{pts}) 4. This is a question.

 $5\,\mathrm{pts}$

C1/T2

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Name:

(10^{pts}) **5.** This is a question.

10 pts

 (5^{pts}) **6.** This is a question.

5 pts

(10^{pts}) **7.** This is a question.

 $10\,\mathrm{pts}$

Solutions to Test 2

Part I.

1.	It will appear immediately after the question with the solutionsafter option, and appear at the e of the document if a solutions option is not specified.	
2.	It is well known that $\underline{\text{Newton}}$ and $\underline{\text{Leibniz}}$ are jointly credited as the founders of modern calculus.	
	Notes. Here the optional argument for the solution environment is not specified, this implies that room should be left for the student to answer, seems reasonable since this is a fill-in.	no
4.	(a) This is a tough solution.	
4.	(b) This solution is easy.	
5.	(a) Yes, Columbus sailed the ocean blue in 1492.	
5.	(b) Yes, Columbus sailed the ocean blue in 1492.	
6.	This is a solution to a problem question.	
7.	This is the solution, let's hope it's correct, or I would be embarrassed to no end.	
8.	This a really good solution. I hope this solution is correct or I will be embarrassed to no end. Even it is wrong, maybe the students will appreciate my effort. You can see from the figure that the soluti is obvious. (You could also use commands from a figure wrapping package as well.)	
9.	This a really good solution. I hope this solution is correct or I will be total embarrassed to no end. Evif it is wrong, maybe the students will appreciate my tremendous effort. You can see from the figure that the solution is obvious.	
10.	(a) Now is the time for all good men to come to the aid of their country. Now is the time for all go men to come to the aid of their country. Now is the time for all good men to come to the aid of th country.	
10.	(b) Now is the time for all good men to come to the aid of their country. Now is the time for all go men to come to the aid of their country. Now is the time for all good men to come to the aid of th country.	
11.	(a) This is the solution.	
11.	(b) This is the solution.	
11.	(c) This is the solution.	
11.	(d) This is the solution.	
Par	t II.	
1.	This is the solution to answer all questions.	
	This is the solution to answer all questions.	
3.	This is the solution to answer all questions.	
4.	This is the solution to answer all questions.	
5.	This is the solution to answer all questions.	
6.	This is the solution to answer all questions.	
7.	This is the solution to answer all questions.	