Quiz 10	DUE: WED. APR. 16
Name:	
Date: Time Begun: Time Ended:	Monday April 14 Ron Buckmire
Topic covered: Using Convergence	e Tests
The point of this quiz is for you to demonstrate your un or divergence of an infinite series, using appropriate tests infinite limits.	
Reality Check:	
EXPECTED SCORE :/10	ACTUAL SCORE :/10
Instructions: 1. Once you open the quiz, you have 30 minutes to should check Blackboard.oxy.edu for any hints.	o complete it. Before you open the quiz you
2. You may not use the book or any of your clamust work alone.	ss notes, but you may use a calculator. You
3. If you use extra paper, please staple it to the q a stapler, buy one.	uiz before coming to class. If you don't have
4. After completing the quiz, sign the pledge below to these rules. Complete the reality check to girdid on the quiz.	· · · · · · · · · · · · · · · · · · ·
5. Relax and enjoy	
6. This quiz is due on Wednesday, April 16, a WILL BE ACCEPTED.	t the beginning of class. NO LATE QUIZZES
Pledge: I,, pledge is student, that I have followed all the rules above to the	my honor as a human being and Occidental e letter and in spirit.

EXPLAIN YOUR ANSWERS

Determine whether the following infinite series converge or diverge. (State clearly what test(s) you are using and how your result indicates either convergence or divergence). It's always a good idea to write out the first 3 or 4 terms of the series to see if you can see any helpful patterns.

(a) (5 points)
$$\sum_{k=0}^{\infty} e^k$$

(b) (5 points)
$$\sum_{k=0}^{\infty} \frac{2k}{3^k}$$