Quiz 5	Linear Systems
Name:	_
Date:	Friday February 2 4 Ron Buckmir
Topic: TRUE OR FALSE: Inverse Matrices	
The idea behind this quiz is for you to indicate your u	nderstanding of inverse matrices.
Reality Check:	
EXPECTED SCORE :/10	ACTUAL SCORE :/10
Instructions:	
1. Please look for a hint on this quiz posted to	faculty.oxy.edu/ron/math/214/06/
2. You may use the book or any of your class no	otes. You must work alone.
3. If you use your own paper, please staple it to ta stapler, buy one. QUIZZES WITH UNSTA	
4. After completing the quiz, sign the pledge bel to these rules.	ow stating on your honor that you have adhered
5. Your solutions must have enough details such and determine HOW you came up with your	-
6. Relax and enjoy	
7. This quiz is due on Monday February ACCEPTED.	27, in class. NO LATE QUIZZES WILL BE
Pledge: I,, pledge my that I have followed all the rules above to the letter	honor as a human being and Occidental student, er and in spirit.

- 1. TRUE or FALSE put your answer in the box (1 point). To receive FULL credit, you must also give a brief, and correct, explanation in support of your answer! Remember if you think a statement is TRUE you must prove it is ALWAYS true. If you think a statement is FALSE then all you have to do is show there exists a counterexample which proves the statement is FALSE at least once.
- (a) TRUE or FALSE? "A 4 × 4 matrix with a row of zeros is not invertible."

(b) TRUE or FALSE? "A matrix with 1's down the main diagonal is invertible."

(c) TRUE or FALSE? "If A is invertible, then A^{-1} is invertible."