

article
latexsym
amsmath
amsmath
amssymb
graphicx
theoremTheorem
acknowledgement[theorem]Acknowledgement
algorithm[theorem]Algorithm
axiom[theorem]Axiom
case[theorem]Case
claim[theorem]Claim
conclusion[theorem]Conclusion
condition[theorem]Condition
conjecture[theorem]Conjecture
corollary[theorem]Corollary
criterion[theorem]Criterion
definition[theorem]Definition
example[theorem]Example
exercise[theorem]Exercise
lemma[theorem]Lemma
notation[theorem]Notation
problem[theorem]Problem
proposition[theorem]Proposition
remark[theorem]Remark
solution[theorem]Solution
summary[theorem]Summary
document

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Math 228, Test 1

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Instructions: You have one hour for the exam. There are 11 problems, worth 9 points each, with one free point, for a total of 100 points possible.

For multiple-choice problems, please mark your answer clearly. For all other problems, please show your work completely. Partial credit will be given for all non-multiple-choice problems.

Calculators, notes, and books are prohibited.

This exam is bound by the provisions of the Notre Dame Honor Code.

Name:

enumerate

F or each of the following matrices, state whether or not it is an elementary matrix. If it is, state the corresponding elementary row operation.

align*

A =

array

[c]cc

1 0

0 0