The Ultimate Step by Step Guide to Acing Linear Algebra

Student's #1 Choice

Linear Algebra 2026

for Beginners

Reza Nazari

✓Recommended by teachers & students

Linear Algebra
FOR BEGINNERS

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By

Reza Nazari

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Time to Test 167
Linear Algebra Practice Test 1 169
Linear Algebra Practice Test 2 139
Linear Algebra Practice Tests Answer Keys 202
Linear Algebra Practice Tests Answers and Explanations..... 203

CHAPTER

1 Introduction



Math topics that you'll learn in this chapter:

- ☑ What is Linear Algebra?
- ☑ Applications of Linear Algebra
- ☑
- ☑ Geometric Interpretation

only magnitude and are denoted by lowercase or Greek letters without arrows, such as $s = 5$.

CHAPTER

2 Vectors and Vector Operations

Math topics that you'll learn in this chapter:



- ☑ Introduction to Vectors
- ☑ Vector Addition and Subtraction
- ☑ Scalar Multiplication
- ☑ Properties of Vector Addition and Subtraction
- ☑ Unit vectors
- ☑ Dot Product
- ☑ Geometric Interpretation of Dot Product
- ☑ Cross Product
- ☑ Geometric Interpretation of Cross Product

