

# **Algebra II For Dummies**

By Mary Jane Sterling



## Algebra II For Dummies By Mary Jane Sterling

Besides being an important area of math for everyday use, algebra is a passport to studying subjects like calculus, trigonometry, number theory, and geometry, just to name a few. To understand algebra is to possess the power to grow your skills and knowledge so you can ace your courses and possibly pursue further study in math.

Algebra II For Dummies is the fun and easy way to get a handle on this subject and solve even the trickiest algebra problems. This friendly guide shows you how to get up to speed on exponential functions, laws of logarithms, conic sections, matrices, and other advanced algebra concepts. In no time you'll have the tools you need to:

- Interpret quadratic functions
- Find the roots of a polynomial
- Reason with rational functions
- Expose exponential and logarithmic functions
- Cut up conic sections
- Solve linear and non linear systems of equations
- Equate inequalities
- Simplifyy complex numbers
- Make moves with matrices
- Sort out sequences and sets

This straightforward guide offers plenty of multiplication tricks that only math teachers know. It also profiles special types of numbers, making it easy for you to categorize them and solve any problems without breaking a sweat. When it comes to understanding and working out algebraic equations, *Algebra II For Dummies* is all you need to succeed!



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#### **Editorial Review**

From the Back Cover

Packed with tips and ticks for cracking tough problems

#### Face off with functions, conquer conics, and make headway with matrices

You've worked your way through Algebra I, and now you're ready to take algebr5a to the next level. This friendly guide shows you how to get up to speed on exponential functions, laws of logarithms, conic sections, matrices, and other advanced algebra concepts - without even breaking a sweat. It's just what you need for Algebra II success!

#### Discover how to:

- Bone up on basic algebra solutions
- Work with functions
- Graph parabolas, ellipses, and hyperbolas
- Solve systems of equations
- Get a handle on complex numbers
- Tackle matrices, sequences, series, and sets

# The Dummies Way

- Explanations in plain English
- "Get in, get out" information
- Icons and other navigational aids
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#### About the Author

Mary Jane Sterling has authored Algebra For Dummies, Trigonometry For Dummies, Algebra Workbook For Dummies, Trigonometry Workbook For Dummies, Algebra I CliffsStudySolver, and Algebra II CliffsStudySolver. She taught junior high and high school math for many years before beginning her current 25-year-and-counting career at Bradley University in Peoria, Illinois. Mary Jane enjoys working with her students both in the classroom and outside the classroom, where they do various community service projects.

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