

## Geometry Workbook For Dummies

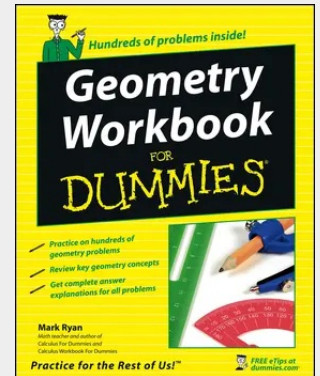
Geometry is one of the oldest mathematical subjects in history. Unfortunately, few geometry study guides offer clear explanations, causing many people to get tripped up or lost when trying to solve a proof—even when they know the terms and concepts like the back of their hand. However, this problem can be fixed with practice and some strategies for slicing through all the mumbo-jumbo and getting right to the heart of the proof. Geometry Workbook For Dummies ensures that practice makes perfect, especially when problems are presented without the stiff, formal style that you'd find in your math textbook. Written with a commonsense, street-smart approach, this guide gives you the step-by-step process to solve each proof, along with tips, shortcuts, and mnemonic devices to make sure the solutions stick. It also gives you plenty of room to work out your solutions, providing you with space to breathe and a clear head. This book provides you with the tools you need to solve all types of geometry problems, including:

- \* Congruent triangles
- \* Finding the area, angle, and size of quadrilaterals
- \* Angle-arc theorems and formulas
- \* Touching radii and tangents
- \* Connecting radii and chords
- \* Parallel, perpendicular, and intersecting lines and planes
- \* Slope, distance, and midpoint formulas
- \* Line and circle equations
- \* Handling rotations, reflections, and other transformations

Packed with tons of strategies for solving proofs and a review of key concepts, Geometry Workbook For Dummies is the ultimate study aid for students, parents, and anyone with an interest in the field.

From proofs to polygons -- solve geometry problems with ease Got a grasp on the terms and concepts you need to know, but get lost halfway through a problem or worse yet, not know where to begin? No fear -- this hands-on guide focuses on helping you solve the many types of geometry problems you encounter in a focused, step-by-step manner. With just enough refresher explanations before each set of problems, you'll sharpen your skills and improve your performance. You'll see how to work with proofs, theorems, triangles, circles, formulas, 3-D figures, and more!

- \* 100s of Problems!
- \* Step-by-step answer sets clearly identify where you went wrong (or right) with a problem
- \* Get the inside scoop on geometry shortcuts and strategies
- \* Know where to begin and how to solve the most common problems
- \* Use geometry in practical applications with confidence



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