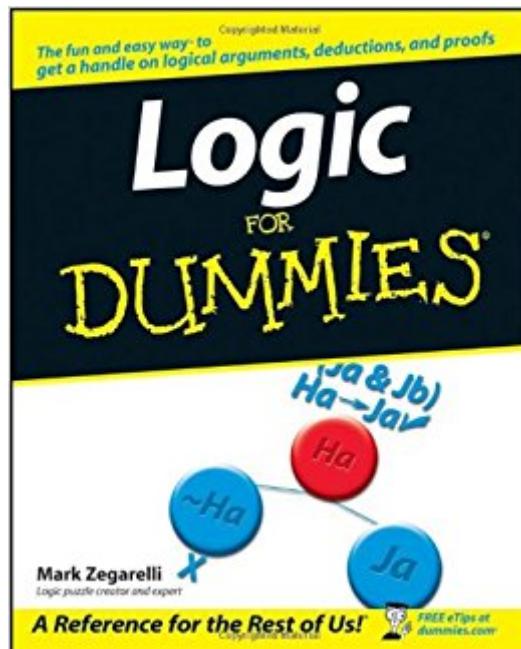


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# Logic For Dummies



## Synopsis

Logic concepts are more mainstream than you may realize. There's logic every place you look and in almost everything you do, from deciding which shirt to buy to asking your boss for a raise, and even to watching television, where themes of such shows as *CSI* and *Numbers* incorporate a variety of logistical studies. *Logic For Dummies* explains a vast array of logical concepts and processes in easy-to-understand language that make everything clear to you, whether you're a college student or a student of life. You'll find out about: Formal Logic Syllogisms Constructing proofs and refutations Propositional and predicate logic Modal and fuzzy logic Symbolic logic Deductive and inductive reasoning *Logic For Dummies* tracks an introductory logic course at the college level. Concrete, real-world examples help you understand each concept you encounter, while fully worked out proofs and fun logic problems encourage you students to apply what you've learned.

## Book Information

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## Customer Reviews

If a book is informative and well-written, then it is a good book. In the world of logic, if the antecedent ("if a book is informative and well-written") is true, then the consequent ("then it is a good book") must also be true. Furthermore, for an "and" statement to be true, both of its components (informative, well-written) must individually be true. So, is *Logic for Dummies* by Mark Zegarelli a good book? It is informative. After a brief overview of logic (including its history), Zegarelli gets into the meat of logic, with a particular focus on sentential and quantifier logic. Of course, these terms mean little to the novice in logic, but he gives plenty of explanation as to what both are. Both

are considered forms of classical logic and reduce statements to what are essentially formulas of letters and symbols. In a way, it's like mathematics in its approach to proofs. It's not always easy to breeze through, but with patience, it all adds up. Beyond classical logic, Zegarelli also gives the reader a brief introduction into other, sometimes more exotic, forms of logic. It is well-written. This means two things. First, Zegarelli is able to convey his information in an understandable fashion. That is not to say it is always easy to understand at first glance, but (as stated before), if you carefully follow his explanation, it makes sense. Second, it is readable. It is possible to be both informative and clear and still read dryly; Zegarelli writes with a light, occasionally humorous, tone that makes the reading much more enjoyable. So logically, this is a good book, as the "if" part is true. Is it a great book? Not quite, which is why I'm rating it four stars and not five.

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