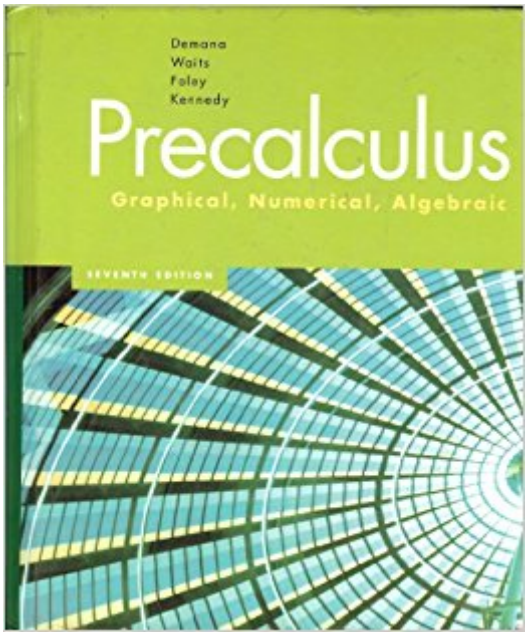
Precalculus: Graphical, Numerical, Algebraic



Synopsis

In this new edition of Precalculus, Seventh Edition,Ã Â the authors encourage graphical, numerical, and algebraic modeling of functions as well as a focus on problem solving, conceptual understanding, and facility with technology.Ã Â They responded to many helpful suggestions provided by students and teachers in order to create a book that is designed for instructors and written for students.Ã Â Ã Â As a result, we believe that the changes made in this edition make this the most effective precalculus text availableÃ Â today. --This text refers to an out of print or unavailable edition of this title.

Book Information

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Customer Reviews

Frank Demana received his masterÃ¢â ¬â„¢s degree in mathematics and his Ph.D. from Michigan State University. Currently, he is Professor Emeritus of Mathematics at The Ohio State University. As an active supporter of the use of technology to teach and learn mathematics, he is cofounder of the national Teachers Teaching with Technology (T3) professional development program. He has been the director and co-director of more than $10 million of National Science Foundation (NSF) and foundational grant activities. He is currently a co-PI on a $3 million dollar grant from the Department of Education Mathematics and Science Educational Research grant awarded to The Ohio State University. Along with frequent presentations at professional meetings, he has published a variety of articles in the areas of computer and calculator-enhanced mathematics instruction. Dr. Demana is also cofounder (with Bert Waits) of the annual International Conference on Technology in Collegiate Mathematics (ICTCM). He is co-recipient of the 1997 Glenn Gilbert National

Leadership Award presented by the National Council of Supervisors of Mathematics, and recipient of the 1998 Christoggerson-Fawcett Mathematics Education Award presented by the Ohio Council of Teachers of Mathematics.Ã Â Dr. Demana has coauthored Calculus: Graphical, Numerical, Algebraic; Essential Algebra: A Calculator Approach; Transition to College Mathematics; College Algebra and Trigonometry: A Graphing Approach; College Algebra: A Graphing Approach; Precalculus: Functions and Graphs; and Intermediate Algebra: A Graphing Approach. Ã Â Bert Waits received his Ph.D. from The Ohio State University and is currently Professor Emeritus of Mathematics there. Dr. Waits is cofounder of the national Teachers Teaching with Technology (T3) professional development program, and has been co-director or principal investigator on several large NSF projects. Dr. Waits has published articles in more than 50 nationally recognized professional journals. He frequently gives invited lectures, workshops, and minicourses at national meetings of the MAA and teh National Council of Teachers of Mathematics (NCTM) on how to use computer technology to enhance the teaching and learning of mathematics. He has given invited presentations at the International Congress on Mathematical Education (ICME 6, 7, and 8) in Budapest (1988), Quebec (1992) and Seville (1996). Dr. Waits is co-recipient of the 1997 Glenn Gilbert National Leadership Award presented by the National Council of Supervisors of Mathematics, and is the co-founder (with Frank Demana) of the ICTCM. Dr. Waits has coauthored Calculus: Graphical, Numerical, Algebraic; College Algebra and Trigonometry: A Graphing Approach; College Algebra: A Graphing Approach; Precalculus: Functions and Graphs; and Intermediate Algebra: A Graphing Approach. Ã Â Greg FoleyÃ Â received B.A. and M.A. degrees in mathematics and a Ph.D. in mathematics education from The University of Texas at Austin.Ã Â He is Director of the Liberal Arts and Science Academy of Austin, the advanced academic magnet high school program of the Austin Independent School District in Texas.Ã Â Dr. Foley has taught elementary arithmetic through graduate-level mathematics, as well as upper division and graduate-level mathematics education classes.Ã Â From 1977 until 2004, he held full-time faculty positions at North Harris County College, Austin Community College, The Ohio State University, Sam Houston State University, and Appalachian State University, where he was Distinguished Professor of Mathematics Education in the Department of Mathematical Sciences and directed the Mathematics Education Leadership Training (MELT) program.Ã Â Dr. Foley has presented over 200 lectures, workshops, and institutes throughout the United States and internationally, has directed a variety of funded projects, and has published articles in several professional journals.Ã Â Active in various learned societies, he is a member of the Committee on the Mathematical Education of Teachers of the Mathematical Association of America (MAA).Ã Â In

1998, Dr. Foley received the biennial American Mathematical Association of Two-Year Colleges (AMATYC) Award for Mathematics Excellence, and in 2005, he received the annual Teachers Teaching with Technology (T3) Leadership Award. Ã Â Dan Kennedy received his undergraduate degree from the College of the Holy Cross and his masterÃ¢â ¬â„¢s and Ph.D. in mathematics from the University of North Carolina at Chapel Hill. Since 1973, he has taught mathematics at the Baylor School in Chattanooga, Tennessee, where he holds the Cartter Lupton Distinguished Professorship. Dr. Kennedy became an Advanced Placement Calculus reader in 1978, which led to an increasing level of involvement with the program as workshop consultant, table leader, and exam leader. He joined the Advanced Placement Calculus Test Development Committee in 1986, then in 1990, became the first high school teacher in 35 years to chair that committee. It was during his tenure as chair that the program moved to require graphing calculators and laid the early groundwork for the recent major reform of the Advanced Placement Calculus curriculum. The author of the 1997 TeacherÃ¢â ¬â„¢s Guide--APÃƒâ ™ Calculus, Dr. Kennedy has conducted more than 50 workshops and institutes for high school calculus teachers. His articles on mathematics teacher have appeared in the Mathematics Teacher and the American Mathematical Monthly, and he is a frequent speaker on education reform at professional and civic meetings. Dr. Kennedy was name a Tandy Technology Scholar in 1992 and was a Presidential Award winner in 1995. Dr. Kennedy has coauthored Calculus: Graphical, Numerical, Algebraic; Prentice Hall Algebra 1; Prentice Hall Geometry; and Prentice Hall Algebra 2. Ã Â --This text refers to an out of print or unavailable edition of this title.

I had to get this book for an online class, but it’s been extremely difficult to follow because it leaves out bits of information here and there so that you end up lost. For example, it contains some, but not all, of the definitions for the various notations. I’ve been able to trudge through by googling some items, but I may resort to getting another text and the workbook. I like that it starts out with review, but I found an error in one of the answers to one of the review questions. Good luck.

My son teaches this class but his school (which is an academic public high school) did not have any teacher’s editions. He is an experienced teacher (12 years in an inner city school system) and found the book to be very helpful.

It was my high school Junior year textbook, only use it for the sample questions. Great sample questions, gets me a lot of practices

I bought this product used-(good qualtiy) i turned out to be excellent quality. Only problem is binding is a little loose.

This is the book used in my daughter's high school. I bough it because she did not received one. So far so good.

Fast shipping! Book was as described. Thanks

The book was exactly in the shape represented. I'm very happy with the purchase!

great math book in good condition

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