



## Applied Mathematics for the Managerial, Life, and Social Sciences, 5th Edition (Available 2010 Titles Enhanced Web Assign)

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Brooks/Cole, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1. FUNDAMENTALS OF ALGEBRA. Real Numbers. Polynomials. Factoring Polynomials. Rational Expressions. Integral Exponents. Solving Equations. Rational Exponents and Radicals. Quadratic Equations. Inequalities and Absolute Value. 2. FUNCTIONS AND THEIR GRAPHS. The Cartesian Coordinate System and Straight Lines. Equations of Lines. Functions and Their Graphs. The Algebra of Functions. Linear Functions. Quadratic Functions. Functions and Mathematical Models. 3. EXPONENTIAL AND LOGARITHMIC FUNCTIONS. Exponential Functions. Logarithmic Functions. Exponential Functions as Mathematical Models. 4. MATHEMATICS OF FINANCE. Compound Interest. Annuities. Amortization and Sinking Funds. Arithmetic and Geometric Progressions (Optional). 5. SYSTEMS OF LINEAR EQUATIONS AND MATRICES. Systems of Linear Equations: An Introduction. Systems of Linear Equations: Unique Solutions. Systems of Linear Equations: Undetermined and Overdetermined Systems. Matrices. Multiplication of Matrices. The Inverse of a Square Matrix. 6. LINEAR PROGRAMMING. Graphing Systems of Linear Inequalities in Two Variables. Linear Programming Problems. Graphical Solution of Linear Programming Problems. The Simplex Method: Standard Maximization Problems. The Simplex Method: Standard Minimization Problems. 7. SETS AND PROBABILITY. Sets and Set Operations. The Number of Elements



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