



## Trigonometry: Revised Third Edition

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McGraw-Hill Science/Engineering/Math, 2002. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: PREFACE CHAPTER 1: Measurement of Angles, Arcs and Sectors 1-1 Using Radians, Degrees, or Grads to Measure Angles 1-2 Length of an Arc and Area of a Sector of a Circle 1-3 Circular Motion Key Ideas Review Test CHAPTER 2: The Trigonometric Functions 2-1 Definition of the Six Trigonometric Functions 2-2 Values of the Trigonometric Functions for 0, 30, 45, 60, 90, 180 degree Angles 2-3 Trigonometric Functions for Right Triangles 2-4 Solving Right Triangles 2-5 Applications of Right Triangle Trigonometry 2-6 Circular Functions Key Ideas Review Test CHAPTER 3: Graphs of the Trigonometric Functions 3-1 Graphing Generic Sine and Cosine Functions 3-2 Shifting Generic Curves Right/Left or Up/Down 3-3 Using the Graphing Calculator to Graph Functions by Addition of Ordinates 3-4 Graphing the Tangent and Cotangent Functions 3-5 Graphing the Secant and Cosecant Functions 3-6 Qualitative Analysis of Trigonometric Functions Key Ideas Review Test CHAPTER 4: Inverse Trigonometric Functions 4-1 Relations, Functions, and Their Inverses 4-2 Inverse of the Trigonometric Functions 4-3 Finding Inverses of Trigonometric Functions Using a Calculator Key Ideas Review Test CHAPTER 5: Basic Trigonometric Identities 5-1 Fundamental Identities...



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