Advanced Math Series (This is a continuation from Algebra Series By Chapter 1 - 8)
Progress Charts (To be used with MathMedia Educational Software, Inc. programs.)

Name: _____

CHAPTER 9 CONIC SECTIONS	Date Assigned	Date Completed	Need More Practice?
What is a Conic?			
How to Complete the Square			
Distance & Midpoint			
Circle			
Parabola			
Ellipse			
Hyperbola			
Identifying Conics			
Quadratic Systems - Geometry			
Systems in 3 Variables			
Problem Solving			
TEST			

CHAPTER 10 EXPONENTS & LOGARITHMS	Date Assigned	Date Completed	Need More Practice?
BEGINNING EXPONENTS ROOTS & RADICALS			
(0A) Definition			
(0B) Multiplication			
(0C) Division			
(0D) Power of a Power			
(0E) Review			
(0F) Roots & Radicals			
(0G) Roots & Radicals (1)			
(0H) Roots & Radicals (2)			
(0I) Roots & Radicals (3)			
(0J) Roots & Radicals (4)			
(0K) Roots & Radicals (5)			
NEGATIVE & FRACTIONAL EXPONENTS			
(1A) Negative Powers			
(1B) Fractional Powers			
(1C) Fractional Powers (2)			
(2) Fractional Exponents			
(3) Composites & Inverses			
LOGARITHMS			
(4) Introduction to Logs			
(5A) Logarithm Laws Menu			
(5B) Product of Logs			
(5C) Quotient of Logs			
(5D) Powers of Logs			
(5F) Logarithm Quiz			
(6) Application of Logs			
(7) Problem Solving			
(8) Natural Logs			
TEST			

CHAPTER 11 SEQUENCES & SERIES	Date Assigned	Date Completed	Need More Practice?
(1) What is a Sequence?			
(2) Arithmetic Sequences			
(3) Geometric Sequences			
(4) Series and Sums (Σ)			
(5) Sums			
(6) Infinite Series			
(7) Powers of Binomials			
(8) Binomial Theorem			
(9) Problem Solving			
TEST			

CHAPTER 12 MATRICES AND DETERMINANTS	Date Assigned	Date Completed	Need More Practice?
Definitions & Vocabulary			
Addition / Scalar Multiplication			
Multiplying Matrices			
Problem Solving			
Determinants			
Inverse Matrix			
Expanding by Minors			
Properties of Determinants			
Cramer's Rule			
TEST			

CALCULUS BASICS™	Date Assigned	Date Completed	Need More Practice?
PRE-CALCULUS REVIEW			
(001) Solving Inequalities			
(002) Combined Inequalities			
(003) Absolute Value			
(004) Graphic Solutions			
(005) Polynomial Inequalities			
(006) Negative Powers			
(007-008) Fractional Powers			
(009) Irrational Exponents			
(010) Functions & Relations			
(011A-011B) Distance & Midpoint			
(012) Factoring			
(013) Fractions			
CALCULUS BASICS™			
(1) Limits			
(2) Continuity			
(3) Differentiation			
(4) Working with Derivatives			

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Name: _____

TRIGONOMETRY (PART 1, MENU #1)	Date Assigned	Date Completed	Need More Practice?
Right Triangle Review			
The Unit Circle			
Radians & Degrees			
Reference Angles			
sin, cos, tan			
csc, sec, cot			
Amplitude, Period, Phase Shift			
Inverses			
Vocabulary			
Test (Menu #1)			

TRIGONOMETRY (PART 1, MENU #2)	Date Assigned	Date Completed	Need More Practice?
Length of an Arc			
Conversion Factors			
Angular Velocity			
Linear Velocity			
Area of Circular Sector			
Area of Circular Segment			
Vocabulary			
Test (Menu #2)			

TRIGONOMETRY (PART 2, MENU #1)	Date Assigned	Date Completed	Need More Practice?
Trig Identities			
Trig Proofs			
Double Angle Formulas			
Half Angle Formulas			
Sum & Difference Formulas			
Expressions & Equations			
Test (Menu #1)			

TRIGONOMETRY (PART 2, MENU #2)	Date Assigned	Date Completed	Need More Practice?
Solving Right Triangles			
Law of Cosines			
Law of Sines			
Area of a Triangle			
Vectors			
Real World Problems			
Polar Coordinates			
DeMoivre's Theorem			
Test (Menu #2)			