

Exam 3 Information - Math 143 EN

Fall 2017

Exam 3 will cover the following:

Reviews: Exam 3 Review, and Reviews for Quiz 12, 14, and and 16

Lecture Notes: (all posted for Classes 1-21)

Simplifying Algebraic Expressions	Functions
Review of Equations	Domain of Functions
Fractions and Decimals	Right Triangle Trigonometry
The Real Numbers - Part 1	Circles - Part 2
Factoring A	Trig Function Values of Famous Angles
Completing the Square 1, 2, 3	Summation 1
Factoring 1	Simplifying Trigonometric Expressions
Graphing Lines	Rational Exponents
Exponents 1	Computing Trigonometric Expressions
nth Root of a Number	Logarithms 1
Radical Expressions	The Quadratic Formula
Completing the Square - Part 4	Radical Equations
Solving systems of equations by substitution by elimination	Rotational Angles
Linear Word Problems	Basic Exp. and Log. Equations
Introduction to Construction	Arithmetic Sequences
Triangle Inequality	Logarithms 1.5
The Pythagorean Theorem	Arithmetic, Geometric, and Harmonic Means
Smallest Value of a Quadratic Expression	Trigonometric Identities 1
Graph of a parabola - 1	Induction
Inequality and Interval Notation	Unit Circle Definitions
Graphical Solutions	Rational Inequalities
Integer Exponents	Another Method
Complex Fractions	Symmetries of the Unit Circle
The Real Number System	Radian Measure
Linear Inequalities	Trigonometric Equations 1
Graph of a Parabola - 2	Basic Functions
Similar Triangles	Logarithms 2
Combinatorics 1	Proof of the Sum Formulas
Optimization	Compound Angle Identities
Quadratic Inequalities	Trigonometric Identities 2
Factoring 2	Trigonometric Identities 4
Writing Equations of Lines	Trigonometric Equations 2
Circles - Part 1	Trigonometric Equations 3
Non-linear Systems	Graphing Trigonometric Functions