

Exam 2 Information - Math 143 GH

Fall 2018

Reviews to study: Reviews for Quiz 8 and 10 and Exam 2 Review

Exam 2 will cover the following topics:

Simplifying Algebraic Expressions
Review of Equations
Fractions and Decimals
The Real Numbers - Part 1
The Zero Product Rule
Factoring A
Radical Expressions
Graphing lines
Exponents 1
Completing the Square 1, 2, 3
Factoring 1
nth Root of a Number
Introduction to Construction
Triangle Inequality
The Pythagorean Theorem
Solving systems of equations
by substitution by elimination
Linear Word Problems
Smallest Value of a Quadratic Expression
Graph of a parabola - 1
Completing the Square - Part 4
Inequality and Interval Notation
Integer Exponents
Combinatorics 1
Graphical Solutions
Similar Triangles

Complex Fractions
Linear Inequalities
Graph of a Parabola - 2
Non-linear Systems
Functions
Introduction to Set Theory - Part 1 and Part 2
Thales's Theorem
Optimization
Quadratic Inequalities
Right Triangle Trigonometry
Trig Function Values of Famous Angles
Writing Equations of Lines
Circles - Part 1
Simplifying Trig Expressions
Summation 1
Domain of Functions
Rational Exponents
Computing Trigonometric Expressions
The Quadratic Formula
Logarithms 1
Rotational Angles
Basic Exp. and Log. Equations
Unit Circle Definitions
Radical Equations
Circles - Part 2