

# Exam 1 Information - Math 143

## Fall 2018

Reviews to study: Reviews for Quiz 2, 4 and Exam 1 Review

Exam 1 will cover the following topics:

Simplifying Algebraic Expressions (Class 1)

Review of Equations (Class 1)

Fractions and Decimals (Class 1)

The Real Numbers - Part 1 (Class 1)

The Zero Product Rule (Class 2)

Factoring A (Class 2)

Radical Expressions (Class 2)

Graphing lines (Class 2)

Exponents 1 (Class 2)

Completing the Square 1, 2, 3 (Class 3)

Factoring 1 (Class 3)

$n$ th Root of a Number (Class 3)

Introduction to Construction (Class 3)

Triangle Inequality (Class 4)

The Pythagorean Theorem (Class 4)

Solving systems of equations

by substitution by elimination (Class 4)

Linear Word Problems (Class 4)

Smallest Value of a Quadratic Expression  
(Class 5)

Graph of a parabola - 1 (Class 5)

Completing the Square - Part 4 (Class 5)

Inequality and Interval Notation (Class 5)

Integer Exponents (Class 5)

Combinatorics 1 (Class 6)

Graphical Solutions (Class 6)

Similar Triangles (Class 6)

Complex Fractions (Class 6)

Linear Inequalities (Class 6)