

# Exam 1 Information - Math 143

## Fall 2019

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

Exam 1 will cover the following topics: (all lecture notes)

Simplifying Algebraic Expressions (Class 1)	Smallest Value of a Quadratic Expression
Review of Equations (Class 1)	Solving systems of equations
Fractions and Decimals (Class 1)	by substitution by elimination (Class 4)
The Real Numbers - Part 1 (Class 1)	Linear Word Problems (Class 4)
The Zero Product Rule (Class 2)	Completing the Square - Part 4 (Class 5)
Factoring A (Class 2)	Graph of a parabola - 1 (Class 5)
Radical Expressions (Class 2)	Inequality and Interval Notation (Class 5)
Graphing lines (Class 2)	Graphical Solutions (Class 5)
Exponents 1 (Class 2)	Combinatorics 1 (Class 5)
Completing the Square 1, 2, 3 (Class 3)	Completing the Square - Parts 3, 4 (Class 6)
Factoring 1 (Class 3)	Integer Exponents (Class 6)
$n$ th Root of a Number (Class 3)	Similar Triangles (Class 6)
Introduction to Construction (Class 3)	Linear Inequalities (Class 6)
Triangle Inequality (Class 4)	Non-linear Systems (Class 6)
The Pythagorean Theorem (Class 4)	