

College Math Final Exam Topics 2018

Unit 4 – Logarithmic & Exponential Functions

- Rewriting Logarithmic & Exponential Equations
- Finding the values of logs (base 10, natural logs, and any other base)
- Condensing & Expanding Logs
- Solving Logarithmic Equations
- Solving Exponential Equations

Unit 6 – Probability Basics

- Summation Notation
- Product Notations
- Factorials
- Permutations
- Combinations

Unit 5 – Trigonometric Functions

- SOH CAH TOA
- Law of Cosines & Law of Sines
- Using the unit circle to find exact sin, cos, & tan values
- Finding Exact sin, cos & tan values beyond the unit circle
- Finding sec, csc, cot values
- Graphing Trig Functions

Final Exam Rules

- 1) BRING A CALCULATOR! There will be math on this exam.
- 2) BRING SOMETHING TO WRITE WITH. You'll have to write down your answers.
- 3) No phones/music/computers/fancy technology during the exam.
- 4) You will be allowed to use both sides of a 4x6 notecard. You must have your own, hand-written notecard (cannot be photocopied or typed) and you must turn it in along with your exam. If you choose to not make a notecard, you will hand in a blank one with only your name on it.
- 5) You will only be allowed to leave the room after you have finished and turned in your exam.
- 6) You are not allowed to retake the exam.