

Math 002 Final Exam Objectives

The Final Exam is worth 120 points; 30 points from Multiple Choice and 90 points from short answer.

Multiple Choice Concepts

There will be 15 multiple choice questions worth 2 points each.

1. Lines. Including slope and points on a line.
2. Inequalities: Including linear and absolute value.
3. Systems.
4. Exponential rules
5. Zeros of a Polynomial
6. Interval notation
7. Remainder Theorem
8. Radicals
9. Completing the Square
10. Solutions of a quadratic equation

Short Answer Concepts

There will be 17 short answer question. The point distribution will vary from 4 to 6 points each.

1. Find the slope of a line given equation or points on the line.
2. Graph a line.
3. Obtain information from a given graph.
4. Solve and graph an inequality.
5. Solve an absolute value inequality
6. Inequality application
7. Solve a system of elimination.
8. Use function notation.
9. Solve by factoring
10. Simplify a complex fraction.
11. Divide using appropriate method
12. Solve an equation involving rational terms.
13. Application from Unit 4
14. Solve and equation involving radicals.
15. Find the distance.
16. Application involving triangles
17. Solve by using the quadratic formula