Exam 2 Topics

Math 1060Q – Summer 2014
Professor Hohn

1 Polynomials

- Zeros and end behavior of polynomial functions
- Factoring polynomials (polynomial division)
- Graphing polynomial functions

2 Rational functions

- Find zeros, holes, vertical asymptotes, and/or end behavior of rational functions
- Domain of a rational function
- Graphing rational functions

3 Exponential functions

- Exponential growth and decay
- Domain and range of exponential functions
- Solving equations with exponential functions
- Graphing exponential functions

4 Logarithms

- Rules of logarithms
- Domain and range of logarithmic functions
- Solving equations with logarithms
- Graphing logarithmic functions

5 Trigonometric functions

- Unit circle

- soh-cah-toa

- Solving equations with trig functions

- Graphing trig functions

6 Trigonometric identities

- Sum and Difference identities

- Double angle identities

- Half-angle identities