

Math 1080 Exam 2

Sections
4.1-4.6
11.1-11.3
10.7

Graph exponential and logarithmic functions. (using transformations) Identify intercepts, asymptotes, domain, and range
Pg 353 # 5-15

Determine the domain of exponential and logarithmic functions
Pg 354 # 17-20

Rewrite a logarithmic expression in exponential form or
rewrite an exponential expression in logarithmic form.

Pg 354 # 21-28

Know and use the properties of logarithms
(including expanding or condensing logs)

Pg 354 #45-49, #51-56

Know Change of Base Formula and
how to use it.

Pg 354 # 83-87

Solve logarithmic equations
Pg 354 #65-68

Solve Exponential Equations
Pg 354 # 57-62

Solve problems involving exponential
growth and decay
Pg 355 # 95-99

Know and use the formulas for
compound interest
Pg 354 # 89-92

Identify a conic equation as a parabola, ellipse or
hyperbola and be able to graph it listing all pertinent
applicable information (such as vertices, foci, center,
directrix, end points of latus rectum, asymptotes).
Pg 774, #31-41

Parabola Notes

Ellipse Notes

Hyperbola Notes

Given information about a conic section,
be able to graph it and write its equation

Pg 773, # 25-30

Pg 774, #43-47

Find the partial fraction decomposition of
rational expressions in the form P/Q where,
Q contains non-repeated linear factors
Q contains repeated linear factors
Q contains non-repeated quadratic factors
Pg 715 #13
