

Math1220 Midterm 1 Review Problems  
Summer, 2009  
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Chapter 6 Review (pg 380-381)

Concepts Test Problems

#1, 2, 3, 6-10 all, 16, 17, 19, 21, 23, 26, 27, 40, 47

Sample Test Problems

#1-5 odd, 11-29 odd, 33, 28, 30, 32, 38, 37-47 odd

The exam covers sections 6.1-6.8. You will need your calculator for this midterm.

You can bring a 4x6 inch note card of notes (on both sides, if you want) to use as a reference. Make sure it's truly a 4x6 card and not something that closely resembles a 4x6 card. If you need one, I can provide one for you.

**Topics:**

- Inverse Functions
- Differentiation & Integration
  - Log functions
  - Exponential functions
  - Inverse Trig functions
- Exponential Growth/Decay
- Differential Equations
- Euler's Method