

## MATH 1041 TEST 3 REVIEW PROBLEMS – SUMMER 2009

**2.2:** 45

**2.4:** 6, 19, 55, 82 (at each point of discontinuity determine if  $f$  is left-continuous or right-continuous without relying on the graph), 83

**2.5:** 8, 17, 19, 20

**2.6:** 23, 27 (you can now do these problems using L'Hospital's rule)

**3.1:** 55

**3.2:** 3, 7, 19, 27, 29, 53, 76

**3.3:** 3, 12

**3.4:** 20

**3.5:** 14, 37(a)

**3.7:** 29, 32, 38, 41, 44, 51, 56, 57

**3.8:** 23, 30

**3.9:** 26, 28, 31

**3.10:** 15, 37

**Chapter 3 Review Problems:** 40, 49, 67, 93

**4.2:** 13, 18, 39, 40, 52, 53

**4.3:** 33, 48, 49

**4.4:** 8, 16, 17, 22, 58

**4.5:** 52, 53, 63, 68, 69, 71

**4.6:** 3, 8, 10, 11, 24, 27

**4.7:** 17, 21, 33, 39, 43, 44

**4.9:** 31, 39, 45, 51, 61

**Chapter 4 Review Problems:** 44, 94

**5.1:** 15, 19 (in Problems 15 and 19 also sketch the graph of  $f$  and the rectangles that make up each approximation)

**5.2:** 13, 14

**5.3:** 2, 11, 21, 35, 37