

Math 113
Homework Chapter #4

4.1 Extrema on an Interval

1-37 Odd

4.2 Rolle's Theorem and the Mean Value Theorem

1-4 All 5-31 odd 37 38 41 42 43-45,63,65

4.3 the First Derivative Test

1-8 all 9-53 63-65

4.4 Concavity

1-6 all 7-53 odd

4.5 Limits at infinity

1 3-8 All 9-41

4.6 A Summary of Curve Sketching

1-6 All 7-43 Odd

4.7 Optimization Problems

1-29 (odd)

4.8 Differentials

1-29 Odd

Chapter 4 review exercises.

3 7 9 15 17 21 25 27 29 35-41 43 47 51 55-61 65 69 71