

# MATH 1036 – Calculus I

Text: *"Single Variable Calculus"* by James Stewart, 6<sup>th</sup> edition

## Review Exercises – High School Mathematics

**Appendix A:** 5,6,11,12,16,21,26,34,36,38,42,43,46,51,56,62

**Appendix B:** 4,10,11,15,19,20,22,25,28,31,34,36,42,45,48,52,57,58,59

**Appendix C:** 1,4,6,9, 12, 14, 16, 23, 24,30,32,33, 35, 39, 40

**Appendix D:** 5,7,12,14,16,20,24,26,29,30,31, 37,46, 52, 60,63,68,69,72,73,76

## Suggested Exercises

### Chapter 1

**Section 1.1:** 2,5,7,8,21,22,26,28,30,31, 33,35,40,43,44,48,50,51,57,65,69,70

**Section 1.3:** 2,3,5,7,9,12,13,17,21,23,24,28,30,32,34,36,37,40,43,54,55,56,66

### Chapter 2

**Section 2.1:** 6,7,8

**Section 2.2:** 4,6,9,12,14,18,27,31,34a

**Section 2.3:** 1,2,5,7,8,10,11-30,35,37,40,44,46,50,57,62

**Section 2.4:** 4,5,18,22,24,27,32,36,39

**Section 2.5:** 4,6,9,12,18,23,24,28,36,37,41,45,49,50,52,59

### Chapter 3

**Section 3.1:** 3a,7,8,14,16-22,25-32,36,37,46,52

**Section 3.2:** 3,8-11,19,21,22,25,33,51

**Section 3.3:** 1-42,46,49,50,53-60,65,66,70-73,76,78,79,80,82,85,89,90,98,99

**Section 3.4:** 1-16,18,21-24,33,35,39-50

**Section 3.5:** 1-54,59,60,61,67,69,73,74,85

**Section 3.6:** 1-30,34,36,40-45,48,52

**Section 3.8:** 10,11,16,18,22,23,26,27,29,38

**Section 3.9:** 1-4, 12b,13a,15,16,20,21,26,27,28,31,38

### Chapter 4

**Section 4.1:** 6,8,18,20,23,24,29-42,45-56,69,72

**Section 4.2:** 3,6,11-20,24,26,27

**Section 4.3:** 9-18,22,29-40,58

**Section 4.4:** 8-30,41,42,44,46,48,50,52,57

**Section 4.5:** 1-38,44,46,48,54

**Section 4.7:** 12,14,18,22, 26,28,33,38,46,59,63,66

**Section 4.9:** 2,4,8,10,12,14,24,28,29,32,38,40,52,54,56

### Chapter 7

**Section 7.1** 12,13,14,18,24,27,28,36,37,40,46

**Section 7.2** 8,16,18,19,23-46,54,62,67,90

**Section 7.3** 5,6,8,10,12,14,16,18,19, 25-38,45-50,52,54,56,58,62,66,68

**Section 7.4** 2-30,32,34,38,41-54,62,64,87,88,92

**Section 7.6** 2,4,6,8,10,11,12,14,20,22-35,37,38-40,43-46,48,52,77

**Section 7.8** 2,4,5-64,70,74,89,94,96