

# **MAT250: Calculus and Analytical Geometry**

## **Home Works**

Book: Calculus: early Transcendental, 10<sup>th</sup> edition, Anton, Bivens and Davis

## **Chapter 13**

### Chapter 13.1

1,3,5,7,23-26, 33,34,35,36,41,42,51,53,55,57,59

### Chapter 13.2

1,3,5,7,9-12,13,15,23-26

### Chapter 13.3:

3, 5, 7, 11, 13, 27, 29, 30, 32, 33, 34,35, 36, 43, 44,45, 46, 48,49, 55, 58, 61, 67, 69,71, 74, 76,86, 89, 90, 91, 92,101, 102, 104, 106

### Chapter13.5

2,3,4,56, 8-10,18-22,23,27,29,35,36,45-48, 57(assignment)

### Chapter 13.6

1,3,5,7,8, 11,12,13,16-18,22-26,33,35,42,44,46

### Chapter 13.7

1,2, 3,5,10,11,12

### Chapter 13.8

9,11,13,14-19, 42-44

## **Chapter 14**

### Chapter 14.1

3,5,9,10,11,12,29,30,31,32, 35-38

### Chapter 14:2:

3, 4, 5, 8, 15-26, 29-31, 39, 40-44, 53-56

### Chapter 14.3

7-10,21-26,27-34,42,45,46

### Chapter 14.5

5,6,8,10,11,15-18

Chapter 14.6

9-12,13-16,17-20

Chapter 14.7

3,7,11,16(assignment, for example),21-30,35-38

## Chapter 15

Chapter 15.1:

17, 19, 21, 22, 23, 25, 27, 41, 42

Chapter 15.2:

11, 13, 14, 19 to 30, 45 to 48

Chapter 15.4:

2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Chapter 15.5:

1 to 8

Chapter 15.6:

11 to 16, 17 to 22, 27, 28

Chapter 15.7:

9 to 18

Chapter 15.8:

5, 8 to 12

## Similar types of worked out examples of the respective chapters are included.