

### **Math 407 Spring 2021 Assignment 1**

Page 171 in the Notes on Set Theory, Problems: 6-13,21,22

### **Math 407 Spring 2021 Assignment 2**

Problems to be turned in are in red.

Chapter 2, Problems, P50, Probs: 1,2,3,5,6,8,9,12,25

Chapter 2, Theoretical Exercises, P55, Probs: 1,2,3,5,18,20

### **Math 407 Spring 2021 Assignment 3**

Problems in red are to be turned in.

Ch1, Problems Page 15: 8,10,11,15,23,26,33

Ch1 Theoretical Exercises Page 18: 8,9,11,12,18

Ch1 Self Test Problems Page 20: 11,12,17,21

Ch2 Problems Page 50: 15,40

### **Math 407 Spring 2021 Assignment 4**

Problems to be turned in are in red.

Ch 3, P. 103, Problems 6,8,17,19,35,39,45,57,60,62

Ch3, P 113, Theoretical Exercises 1,5,6,22,25

### **Math 407 Spring 2021 Assignment 5**

Problems to be turned in are in red.

Ch3, p113, Theoretical Exercises: 11,13,16,18

Ch3, p116 , Self Test problems: 8

Ch4, p175, Problems: 1,2,7,8,10,11

Ch4, p182, Theoretical Exercises: 2,3,4,7

### **Math 407 Spring 2021 Assignment 6**

The problems in red are to be turned in.

Ch 4, P. 175, Problems: 17,19

Ch 4, P. 182, Theoretical Exercises: 9,10,11,16,28,29,30,31,37

### **Math 407 Spring 2021 Assignment 7**

The problems in red are to be turned in.

Ch 4, P. 175, Problems: 46,47,50

Ch 4, P. 182, Theoretical Exercises: 4,14,17,20,26,27,35

Ch 4, P. 186, Self Test 20,26

### **Math 407 Spring 2021 Assignment 8**

The problems in red are to be turned in.

Ch 5, P. 228, Problems: 1,2,6,18,19,38

Ch 5, P. 231, Theoretical Exercises: 1,2,5,8,10,11

### **Math 407 Spring 2021 Assignment 9**

The problems in red are to be turned in.

Ch 5, P. 228, Problems: 17,21

Ch 5, P. 231, Theoretical Exercises: 13,15,26

Ch5. P. 236 , Self Test: 23,24

### **Math 407 Spring 2021 Assignment 10**

The problems in red are to be turned in.

Ch 5, P. 228, Problems: 35,39,40,42,43

Ch 5, P. 231, Theoretical Exercises: 9,18,19,20,21,25,27,28,29,30,31

### **Math 407 Spring 2021 Assignment 11**

The problems in red are to be turned in.

Ch 6, P. 291, Problems: 1,8,9,10,13,15,19,21

Ch 6, P. 296, Theoretical Exercises: 1,2

### **Math 407 Spring 2021 Assignment 12**

The problems in red are to be turned in.

Ch 6, P. 291, Problems: 18,20,22,23,27,32

Ch 6, P. 296, Theoretical Exercises: 3,5,7

### **Math 407 Spring 2021 Assignment 13**

The problems in red are to be turned in.

Ch 7, P. 378, Problems: 4,36,42

Ch 7, P. 385, Theoretical Exercises: 1,4,,5,,20,25,27,30,33

**Math 407 Spring 2021 Assignment 14**

PP. 424 Probs: 4,7,13,15,23,24