

### **Practice Problems for Final (from the textbook)**

Note: This is set of problems to practice on for the final. They are just a sample of the material you need to know for the exam, but are in no way comprehensive/complete. What this means is that some of the items that are in the exam are not in this set. Some of the items in this set may not be in the exam. To get full coverage of the material for the exam, work on more problems. The more you do (beyond these problems), the better you will do on the final. Good luck. ^ ^

#### **Chapter 4**

Chapter 4.1 25, 29

Chapter 4.3 17, 41

Chapter 4.4 37, 40

#### **Chapter 6**

Chapter 6.1 47, 55, 63

Chapter 6.2 5, 7, 13, 35

Chapter 6.3 11, 33

Chapter 6.4 9, 29

Chapter 6.5 9, 15, 31, 45, 59

#### **Chapter 8**

Chapter 8.4 11, 29, 35

Chapter 8.5 15, 17

Chapter 8.6 13, 15

#### **Chapter 10**

Chapter 10.1 29

Chapter 10.2 21, 23, 27, 41

Chapter 10.4 1 (note that we use walk and path in the lecture, but the book calls them path and simple path), 5

Chapter 10.8 17

#### **Chapter 11**

Chapter 11.1 1, 3

Chapter 11.2 1, 3

Chapter 11.4 5

Chapter 11.5 1, 7