

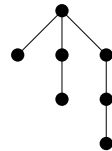
Each student submits their own assignment. Discuss this assignment only within your group. You can post questions asking for question clarification on the eclass discussion forum, but do not post answers or hints or solution suggestions there or anywhere else.

1. List all members of your discussion group, including yourself. Acknowledge that you understand that discussion of this assignment with anyone outside your group is considered plagiarism. Acknowledge any resources (except for class notes or text) you accessed when working on this assignment.
2. The notation for \*0 is  $\{\}$ . The game tree for \*0 has one node with no children. The notation for \*1 is  $\{ *0 \}$ . The game tree for \*1 has a root node with one child, and that child has no children. Here are the trees for \*0 and \*1



- (a) Give the notation and game tree for \*2 and \*3.
- (b) Give the number equivalent to  $\{ *0, *1, *2, *5, *11 \}$ . Explain.

- (d) Give the number equivalent to this tree Explain.



3. Chapter 3 Exercise 4 (p59)
4. Chapter 3 Exercise 5
5. Chapter 3 Exercise 6
6. Chapter 3 Exercise 7
7. Chapter 3 Exercise 8
8. Chapter 3 Exercise 11