

Name: \_\_\_\_\_

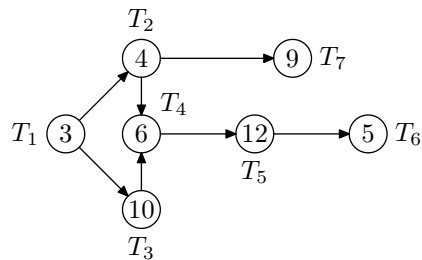
Math 203: Contemporary Mathematics

Quiz 10: Tuesday, February 17, 2009

The following two questions are worth up to 3 bonus points each. These points will be based on the accuracy, completeness, and clarity of your responses. Use full sentences, and avoid saying things that are untrue, ambiguous, or nonsensical. You may use your book or any notes that you have.

1. Suppose that you are given an order-requirement digraph for a project. Describe a good way to find the critical time of the whole project.

2. [Section 7.2, problem 6.] Consider the following weighted order-requirement digraph. Time is in minutes.



- (a) Construct the increasing-time priority list.

- (b) At the beginning of the project, which task(s) are ready?

- (c) Construct the Gantt chart, assuming that there will be only one processor.