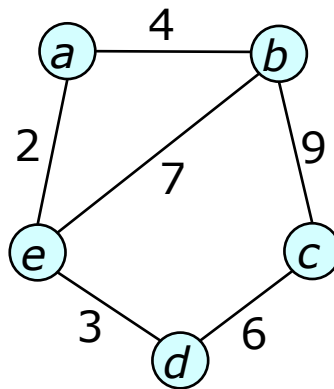


## Review Questions 15

Your Name:

Please print out this form (two-sided, if you can) and write your answers *legibly* in the spaces provided. If you can't write legibly, type.

1. For the graph shown below, write the matching LP-relaxation in standard matrix form and specify an optimal solution.



2. Write the dual for the same problem in matrix form and give an optimal solution.

3. Show that your optimal solutions for questions 1 and 2 satisfy the complementary slack condition.