MAT 118 Spring 2017
Homework #7
Due Friday, 3/31/17 in class

Please show all of the steps you take to solve the problems.

Problems from the text: 5.2.20, 5.3.34, 5.3.36, 5.4.44

In addition to those problems, please answer the following questions.

A. Draw the complete graph K_6 with 6 vertices. (We also call this the 6-clique.)

B. Does this graph have any Euler circuits or Euler paths?

C. Produce an optimal eulerization of this graph.

D. How many steps does Fleury's algorithm have for this eulerization?