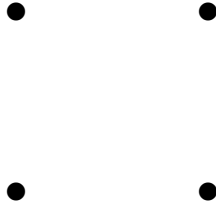


Math 116
Summer 2004
Graph Theory Quiz

- 1.) Draw a graph with four vertices each of degree 3 such that the graph has no loops or multiple edges.



- 2.) This entire problem deals with the graph at the bottom of the page.
- The graph below has no Euler Path. Why?
 - Find an optimal Semi-Eulerization of this graph. (You can draw it on the graph below).
 - This graph now has an Euler Path. Why?
 - Find an Euler Path of your graph. (Circle the starting vertex and number the edges in the order you travel them).

