HOMEWORK #6

Problem 1. Solve the Chinese Postman problem for the following graph.

Problem 2. What is the shortest possible length of a closed walk of this graph that traverses every edge at least once?
Problem 3. Find all Hamiltonian cycles for this graph, and give some reasoning as to why your list is complete. Count two cycles as equal if they determine the same subgraph (so ignore direction and starting vertex).

Problem 4. Problem 3.3.2.