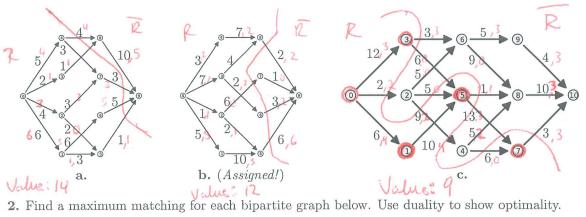
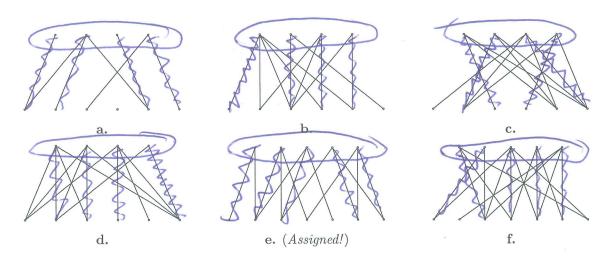
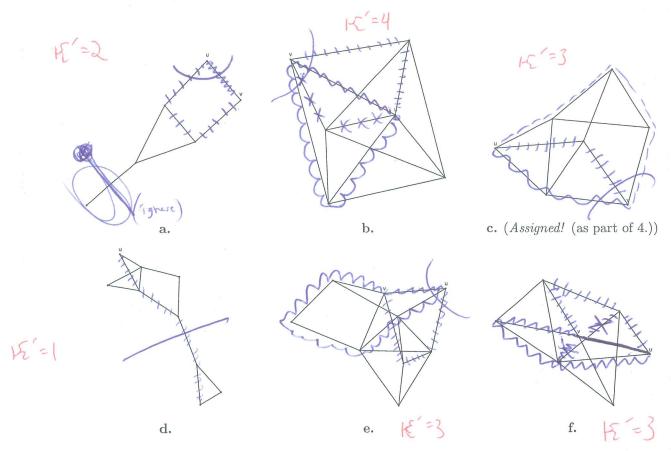
MATH 482, Spring 2013 - Homework 3 Assigned Monday 10/07. Due Wednesday 10/09.

1. Find a maximum flow in the networks below. Use duality to prove optimality.





4. Determine the (local) uv-edge-connectivity of the following undirected graphs. Use duality to show optimality. (Hint: Use Menger's Theorem.)



 ${f 5.}$ Determine the global edge-connectivity of the above undirected graphs.

Will was be an exam.