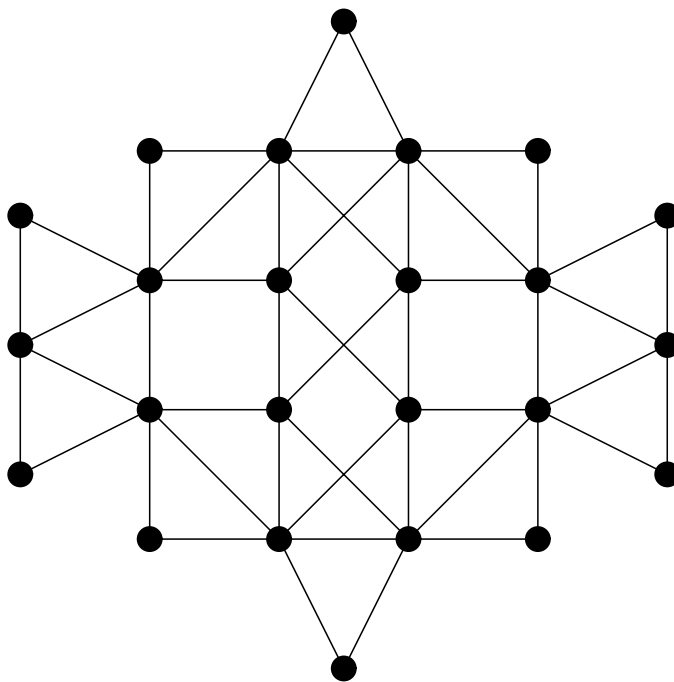
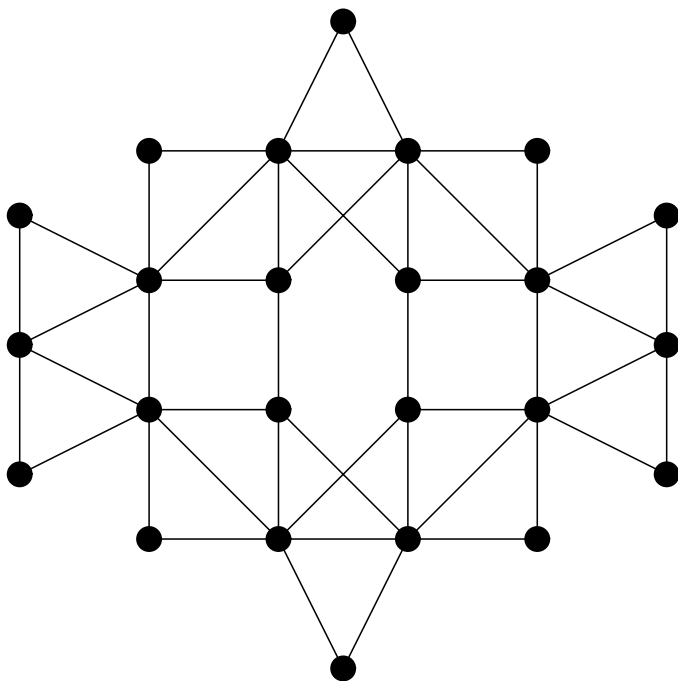


ASSIGNMENT 3—DUE FRIDAY, FEBRUARY 23, 2007

- (1) One of the graphs below has an Eulerian circuit (i.e., a walk that uses every edge exactly once and ends at the same vertex as it started). The other requires two separate walks to cover every edge. Show the trails for each. (You may draw on, then turn in, this handout, but please show your trails clearly in colors other than black if you do.)



- (2) Find a Hamiltonian circuit (i.e., a walk along the edges that includes every vertex exactly once and ends at the same vertex where it starts) on the following graph:

