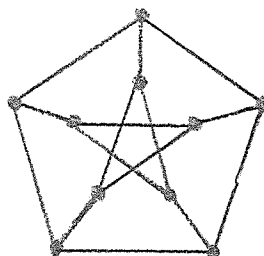
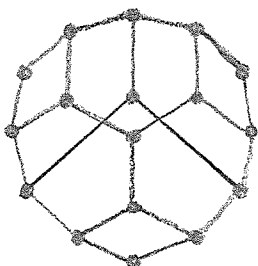
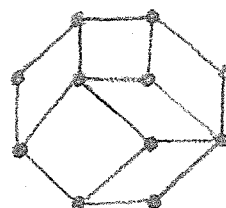
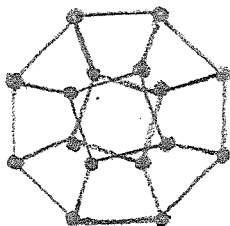
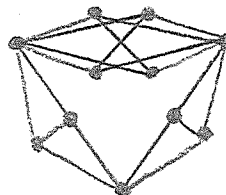
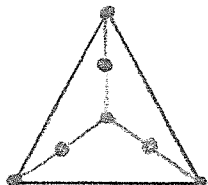
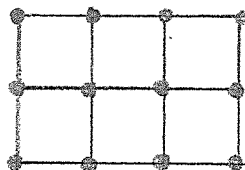
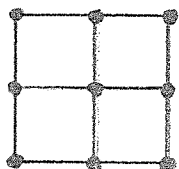
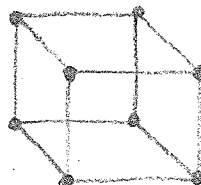
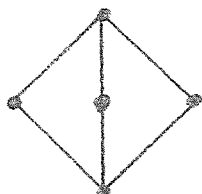
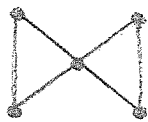


A Hamiltonian cycle of a graph is a list of vertices so that consecutive vertices are adjacent (including the first and last) and each vertex is used exactly once. (A Hamiltonian cycle need not use each edge.) Determine whether the following graphs contain a Hamiltonian cycle. If yes, draw the cycle. If no, explain why not.



A Hamiltonian path of a graph is a list of vertices so that consecutive vertices are adjacent (not necessarily including the first and last) and each vertex is used exactly once. Determine whether the preceding graphs contain a Hamiltonian path. If yes, draw the path.