Worksheet 2

1. Fill in the following table according to these directions:

   In the column labeled *vertices*, write the number of vertices of the graph.

   In the column labeled *edges*, write the number of edges of the graph.

   In the column labeled *regular/degree*, if the graph is regular, write **yes** and then the degree of each vertex; otherwise just write **no**.

   In the column labeled *Eulerian*, write **yes** if the graph is Eulerian, otherwise write **no**.

   In the column labeled *Hamiltonian*, write **yes** if the graph is Hamiltonian, otherwise write **no**.

	vertices	edges	regular/degree	Eulerian	Hamiltonian
K_{12}					
P_{14}					
$K_{8,12}$					
N_{18}					
$K_{10,10}$					
C_{13}					
$K_{9,9}$					
Q_5					
K_{13}					