1. Draw examples of a graph, a multigraph, and a digraph.

2. Draw the graph G with the following vertex and edge sets:

$$V(G) = \{a, b, c\},$$
$$E(G) = \{\{a, b\}, \{a, c\}, \{b, c\}\}.$$

   This graph has a name – what is it?

3. Recall that in class we talked about K_4, the complete graph on four vertices. What are the vertex and edge sets, $V(K_4)$ and $E(K_4)$? (You may label the vertices any way you like.)

4. Draw a planar graph, first with crossings and then with the crossings removed.