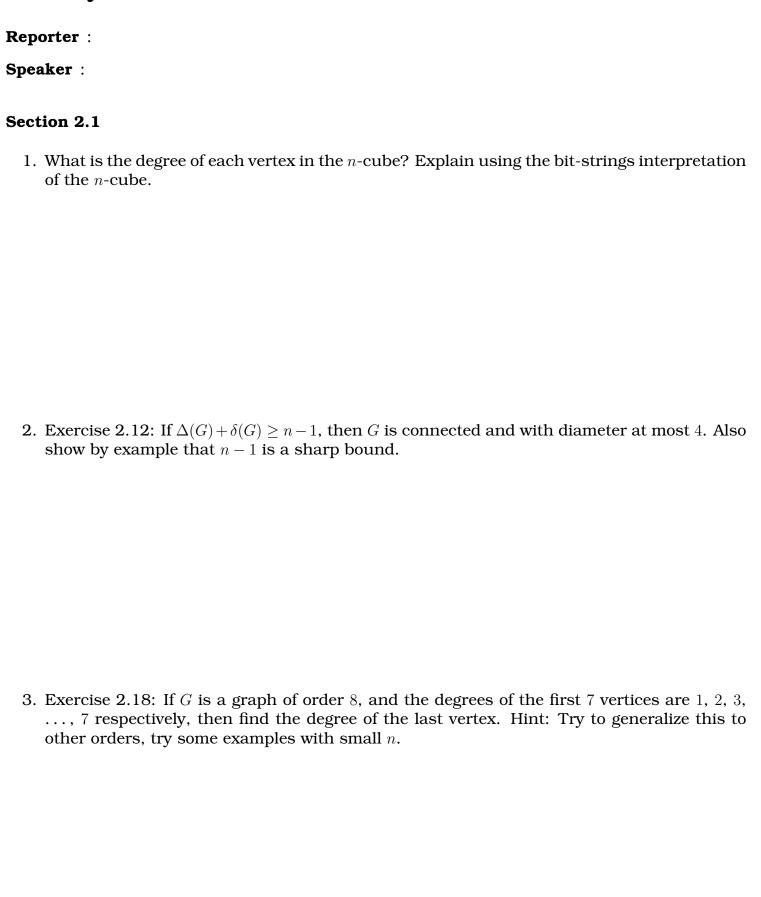
Activity Sheet 3



4. Exercise 2.14: A graph has the property that every edge joins an odd vertex to an even vertex. Show that the graph is bipartite and has even size.
Section 2.2
5. For each of the following types of graphs determine if they are always regular graphs, are never regular graphs, or are regular under some further condition (specify).
a. path graphs
b. cycle graphs
c. complete graphs
d. bipartite graphs