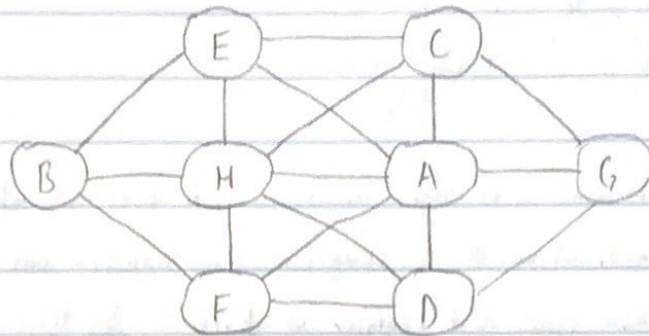
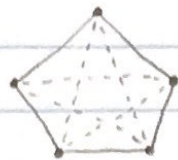


Homework 4

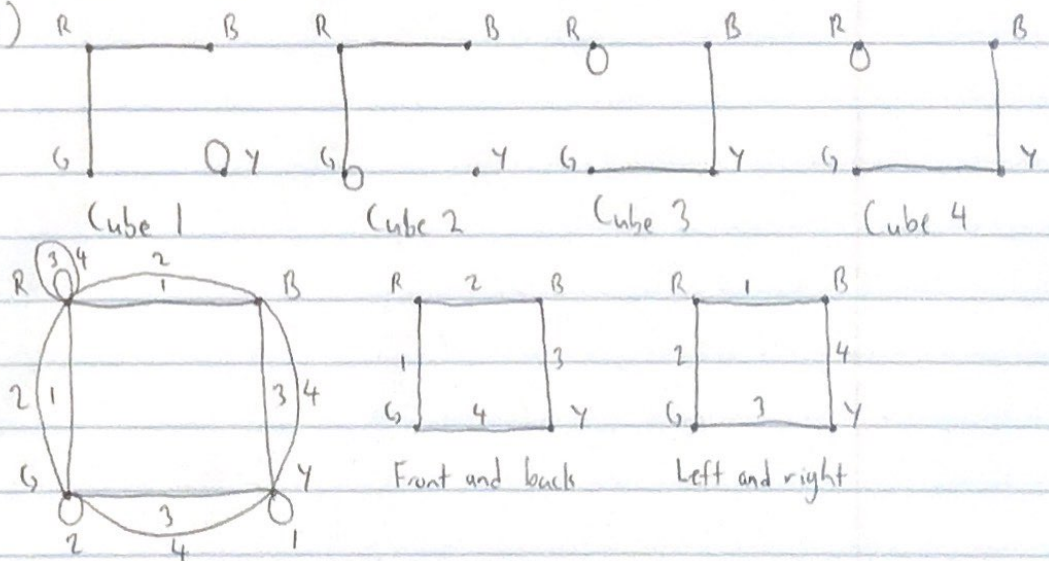
4.1)



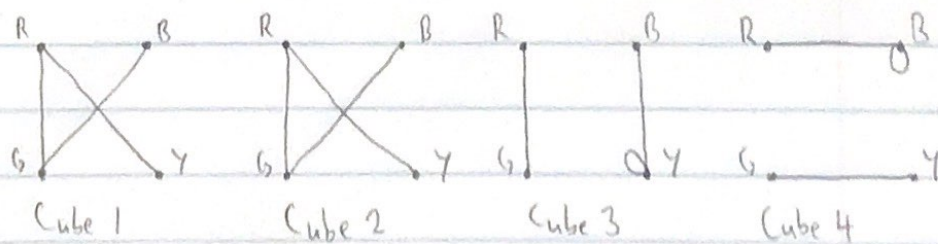
4.2)

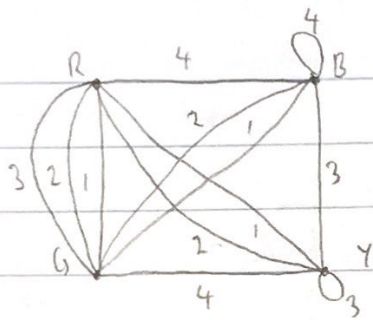


4.3)



4.4)





The distribution of edges in this graph does not allow for the construction of a subgraph with exactly one edge from each cube and regular of degree 2. So, there is no solution.