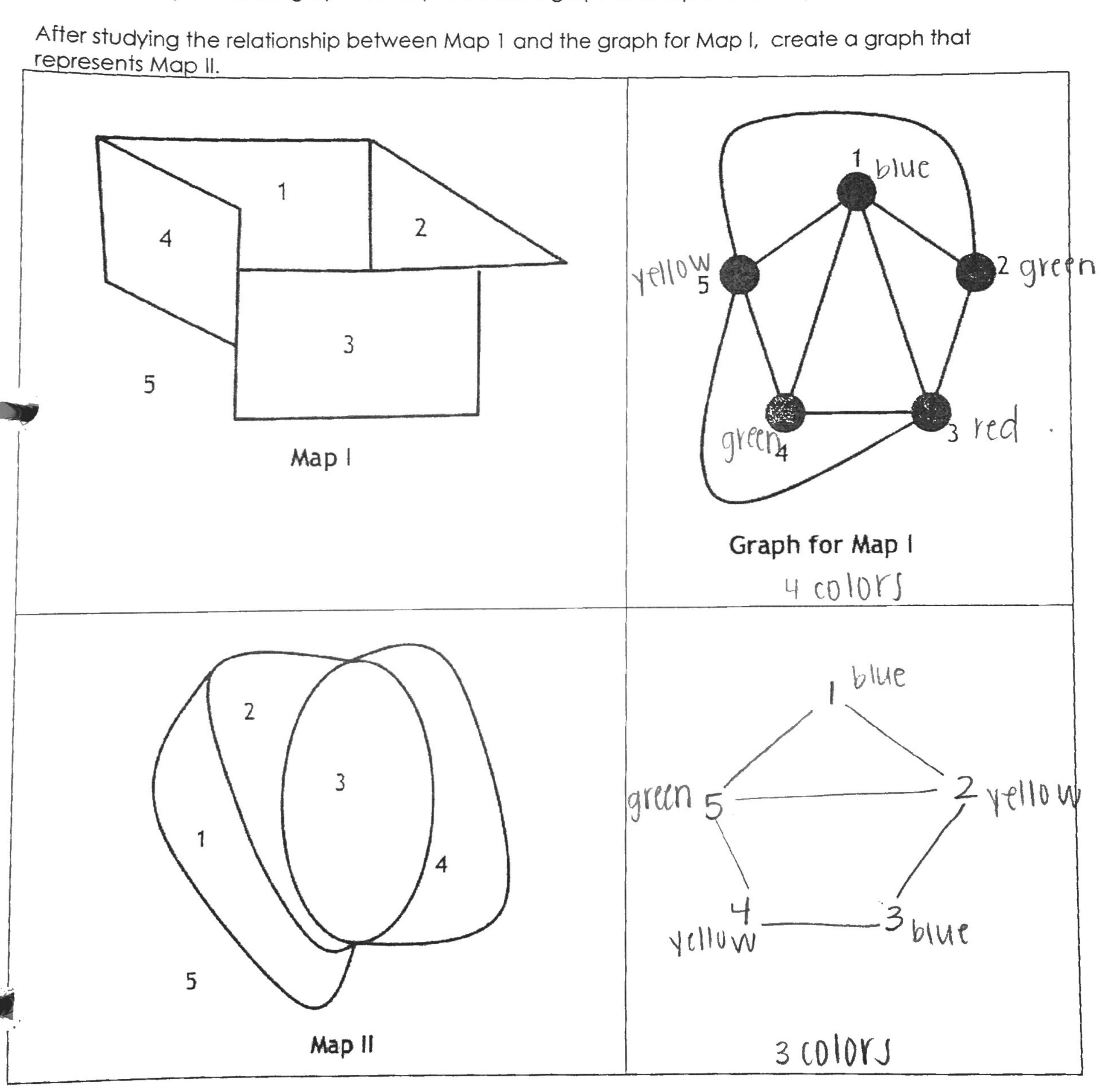
Networks and Graphs	Name_	KOV
VII.C Student Activity Sheet 10: Coloring Maps	and Sche	duling

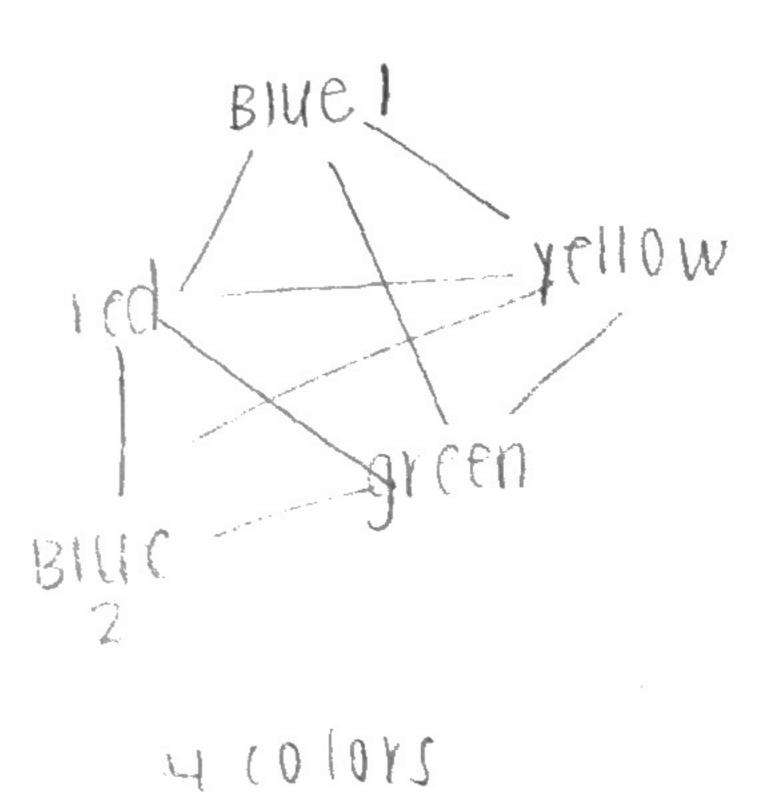
Date _____

reating Graphs from Maps

1. Revisit the map coloring exercises from Student Activity Sheet 9 in terms of graphs. For example, Map I can be represented by the following graph. The graph should include a vertex for each Country (or region) in your map. If two countries share a border and need to be colored differently, the graph shows an edge between the vertices that represent them. After studying the relationship between Map I and the graph for Map I, create a graph that represents Map II.



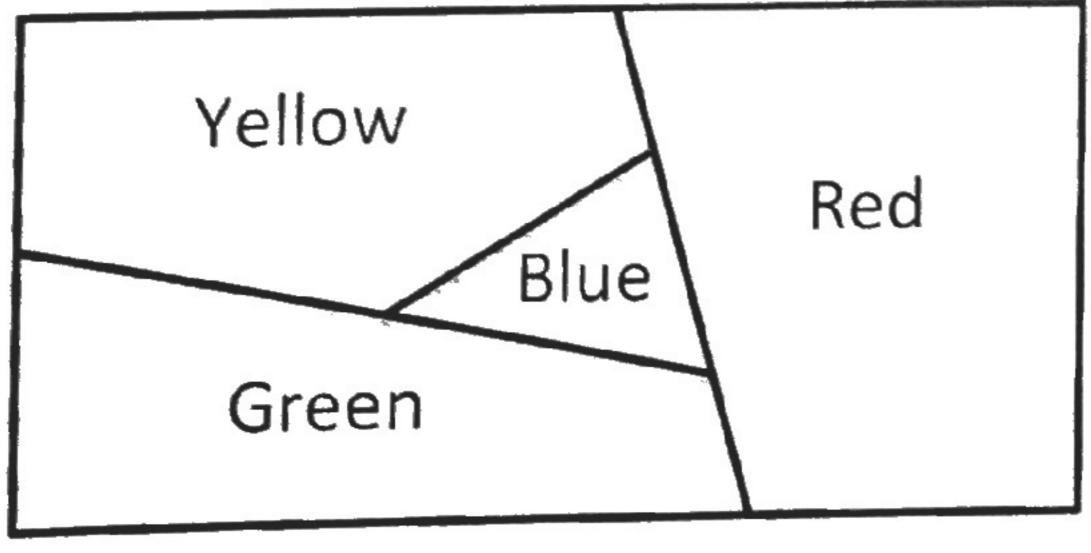
Now, try to create a graph that represents each Map below. Graph Representation Map V_2 V3 blue V5 V_5 Yellow Red Blue Green Blue

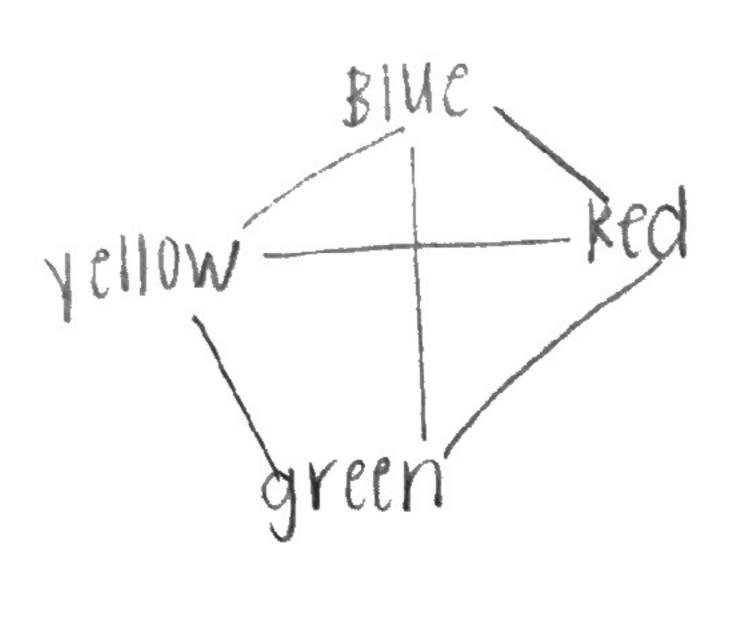


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