General Mathematics and ACM II

Exercise 2

February 9, 2011

1. Ivanov, p. 92, Exercise: Generalize Euler's formula to the case of an arbitrary (i.e., not necessarily connected) planar graph.

2. Ivanov, p. 92, Exercise: Prove that the complete graph of 5 vertices (i.e., with every vertex adjacent to every other) cannot be embedded in the plane.