Math 111	Contemporary	Mathematics

Fall 2015

Lecturer: Dr. Paullin

Name: Graph Theory Day 5

(1) Consider the graph shown on the right. Two copies are provided for your coloring needs.

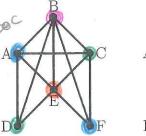
needs.
(a) How do you know this graph is not

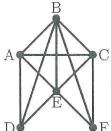
2-colorable? There is an odd arcus

(b) Is the graph 3-colorable?

(b) is the graph o colorable.

(c) Find the Chromatic Number





(2) Find the Chromatic Number of the following graphs.

