Fall 2015, Math 431: Week 7 Preliminary Problems
Due: Thursday, October 22nd, 2015
Matching and Bipartite Graphs

Preliminary problems. The problems below should be completed before class on Thursday.

(P1) Find the number of ways to color the cycle graph C_4 using 3 colors.

(P2) Find a 2-coloring of the graph depicted below. Redraw the graph with vertices of one color on the left and vertices of the other color on the right (the way we usually draw bipartite graphs).