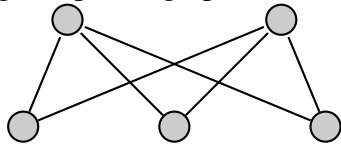


10.7 Planar Graphs

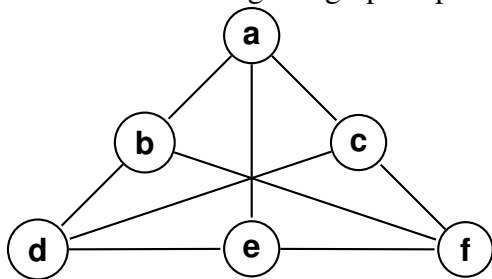
10.7 pg. 725 # 3

Draw the given planar graph without any crossings.



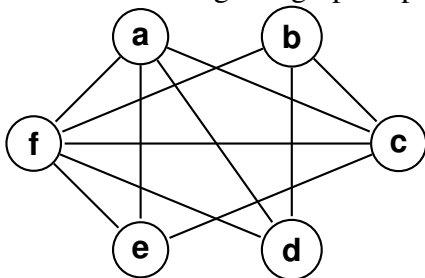
10.7 pg. 725 # 5

Determine whether the given graph is planar. If so, draw it so that no edges cross.



10.7 pg. 725 # 7

Determine whether the given graph is planar. If so, draw it so that no edges cross.



10.7 pg. 725 # 13

Suppose that a connected planar graph has six vertices, each of degree four. Into how many regions is the plane divided by a planar representation of this graph?