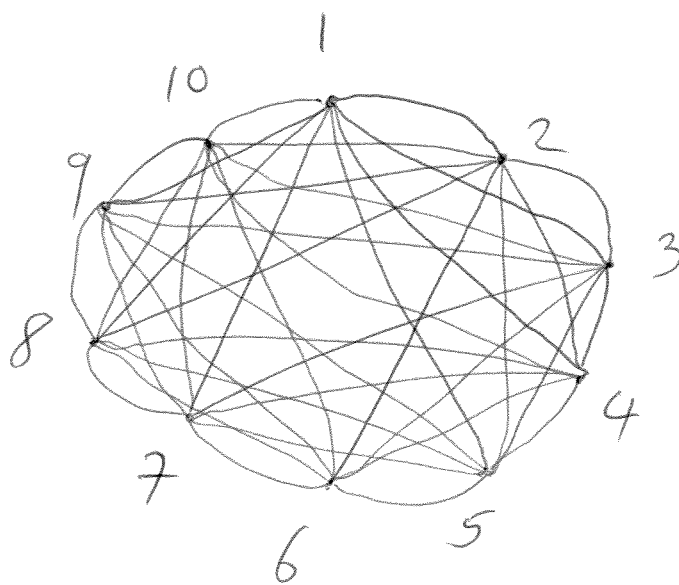


40210 Fall 2012, Homework 1 Solutions

Figure 1:



Only edges missing are $(1-6, 2-7, 3-8, 4-9, 5-10)$

Figure 2:

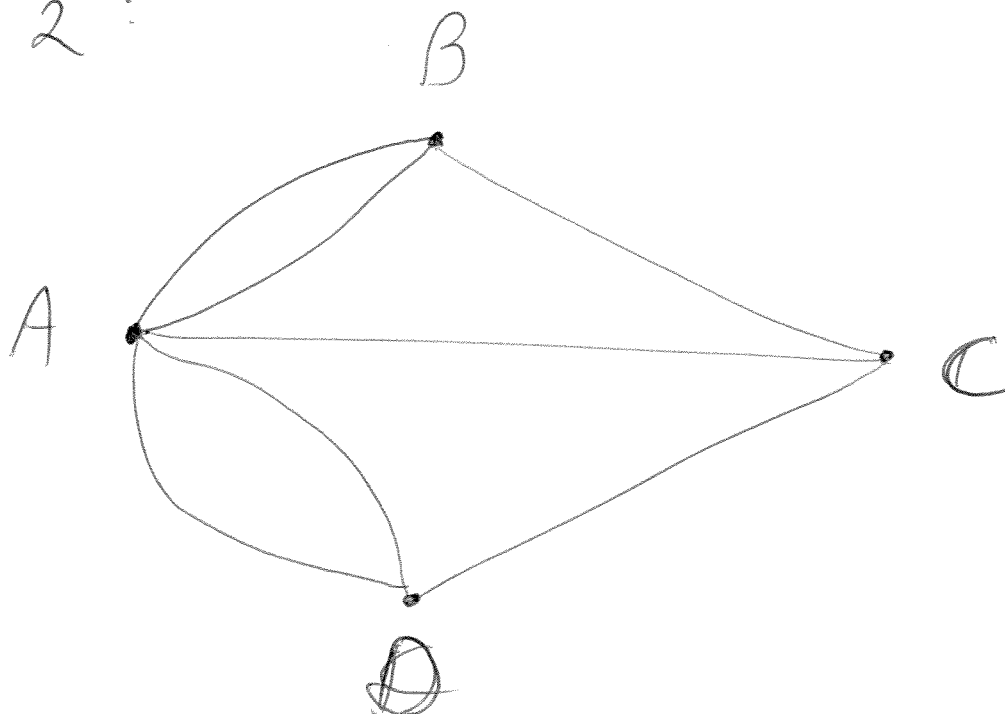


Figure 3 :

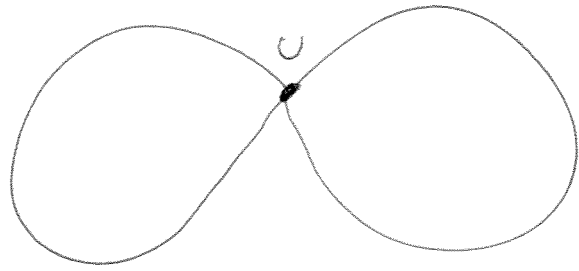
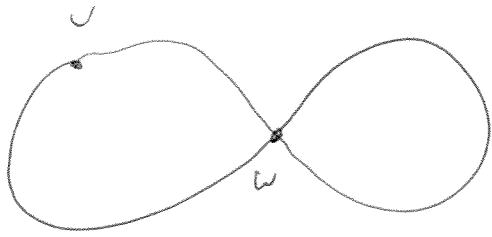


Figure 4 : (Case $n = 8$)

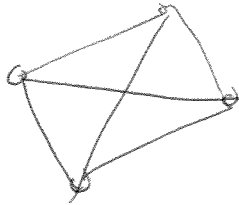
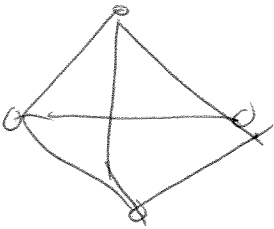


Figure 5 :

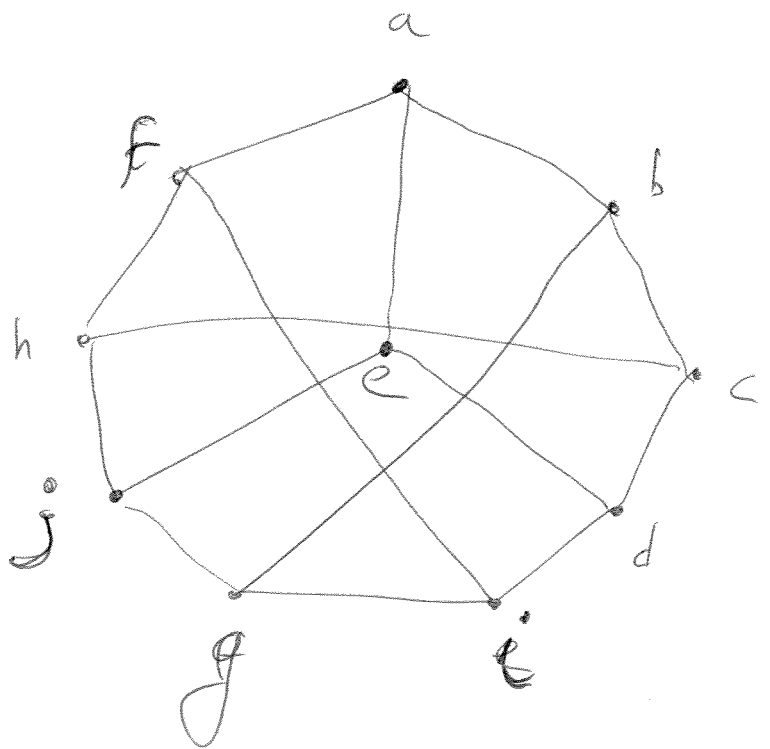
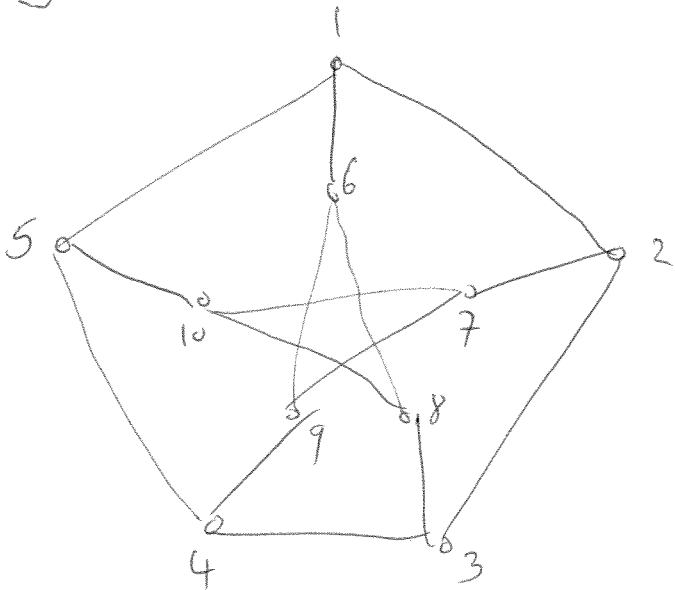
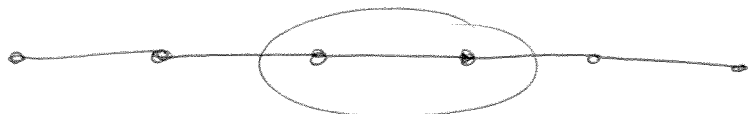


Figure 6 :



P_6 ($k=3$)

↑
center



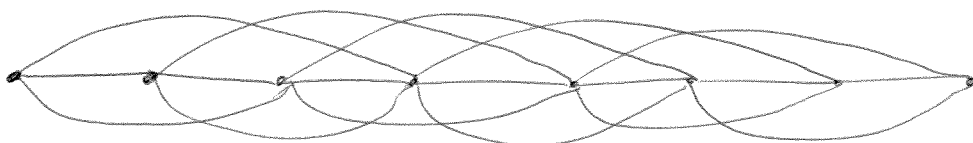
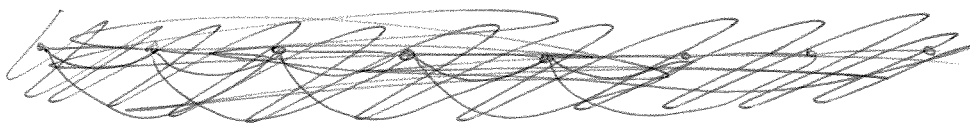
P_5 ($k=2$)

↑
center

Figure 7 :



P_8^2



P_8^3

Figure 7, cont.

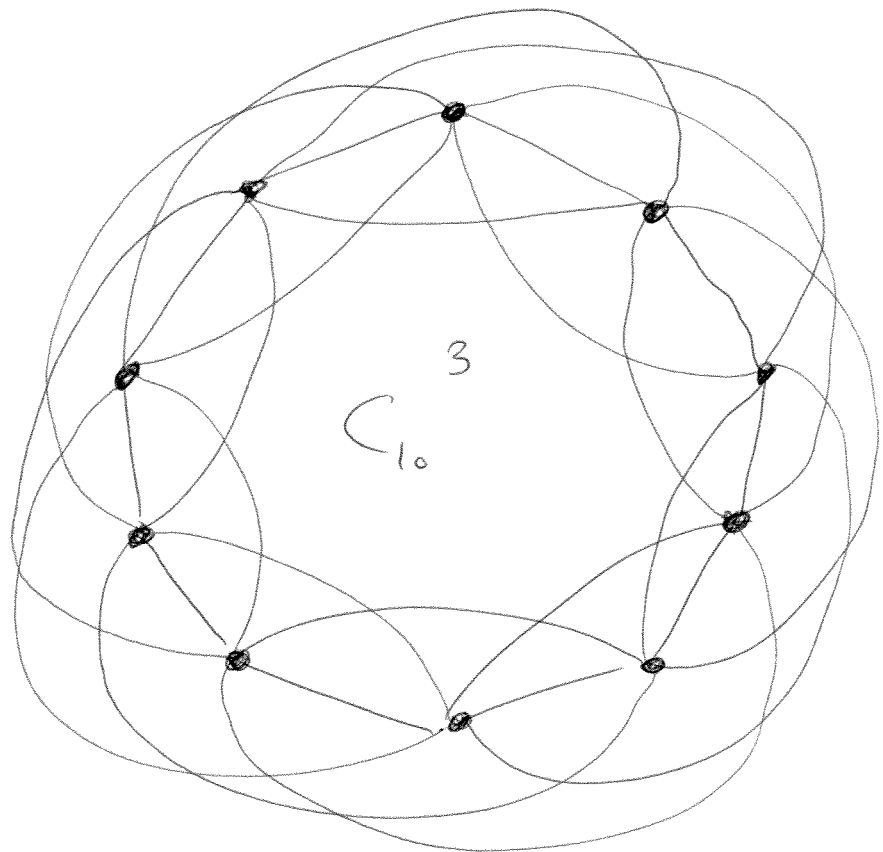
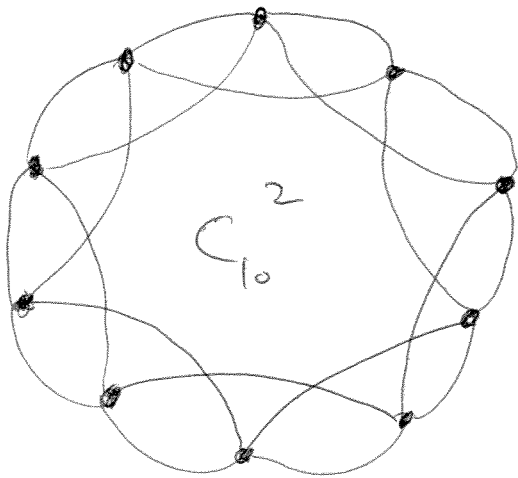


Figure 8 :

