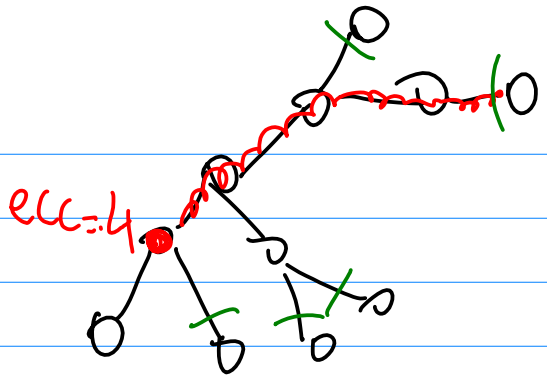
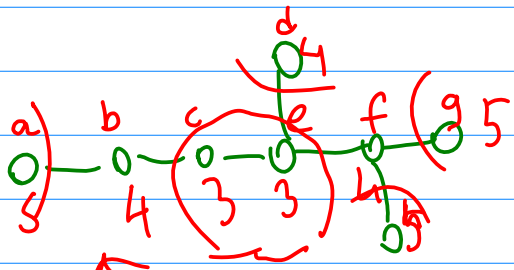
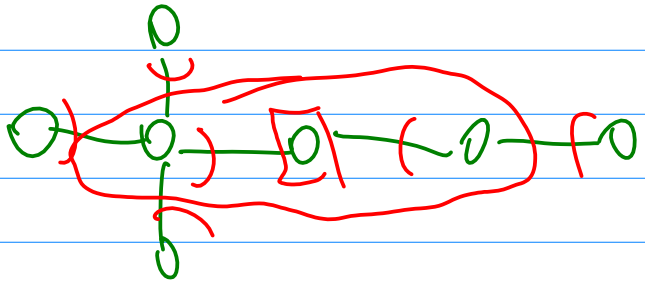
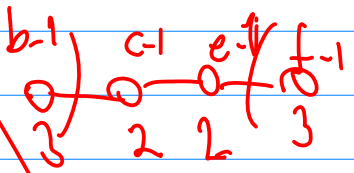


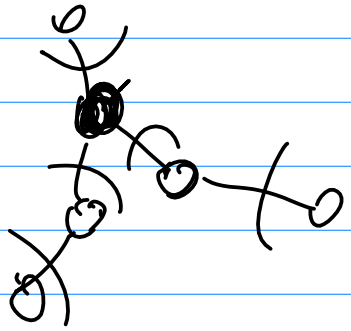




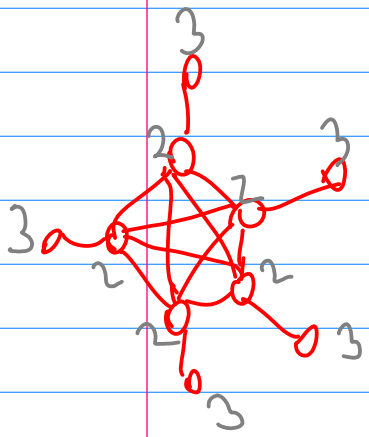


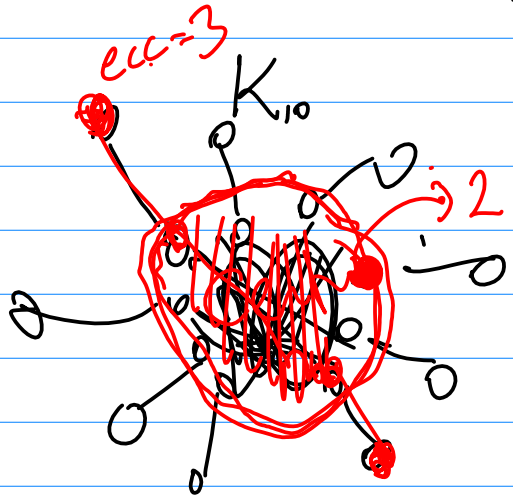
c-2=e-2=1

3=c=e

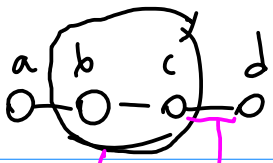


Build a graph whose center has 10 vertices?

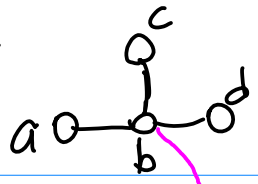


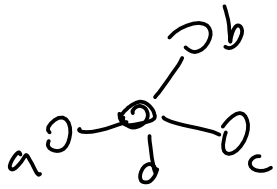


16



$4!/2 = 12$



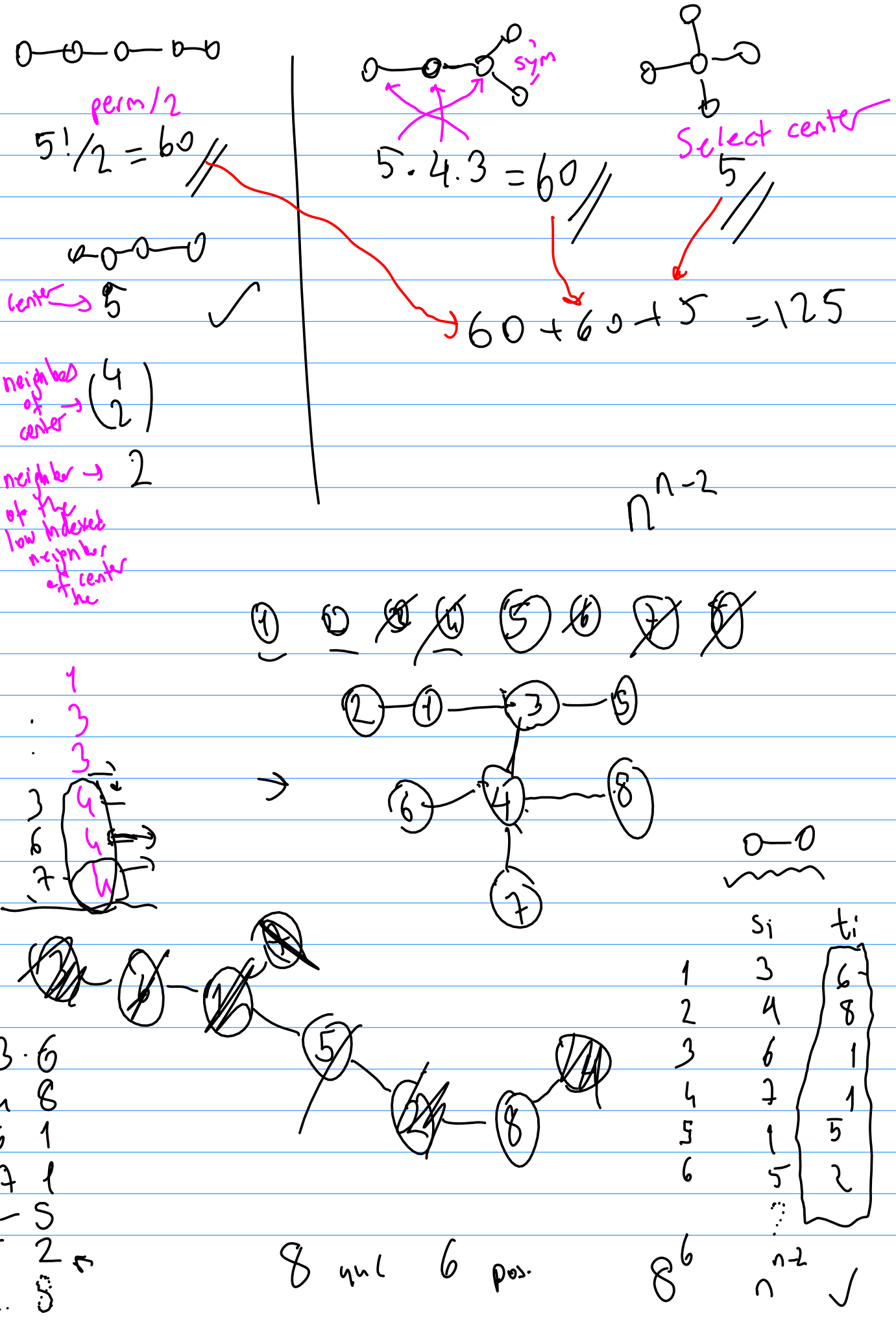


$\rightarrow$ $A = 12$ $+$ $B = 4 = 16$

$\binom{4}{2} \cdot 2 = 12$

$a-b-c-d$

$d-b-c-a$


perm/2
5!/2 = 60
sym
5 · 4 · 3 = 60
Select center
5
center → 5
60 + 60 + 5 = 125
neighbor of center → $\binom{4}{2}$
neighbor → 2
of the low indexed neighbor of the center
n^{n-2}
3 · 6
4 8
6 1
7 1
1 – 5
5 2
8 nd 6 pos.
8^6
n^{n-2}
s_i t_i
1 3 6
2 4 8
3 6 1
4 7 1
5 1 5
6 5 2