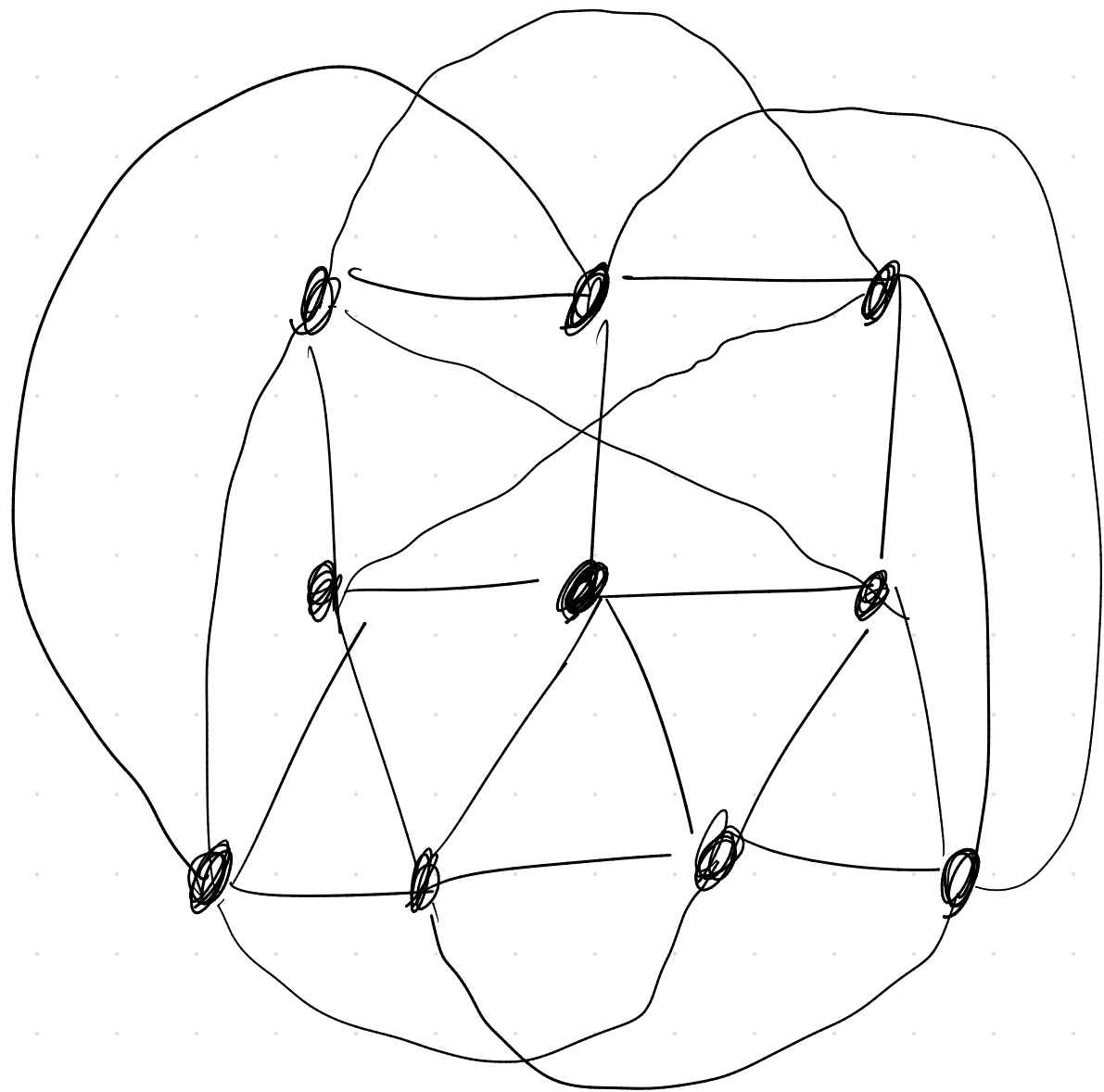
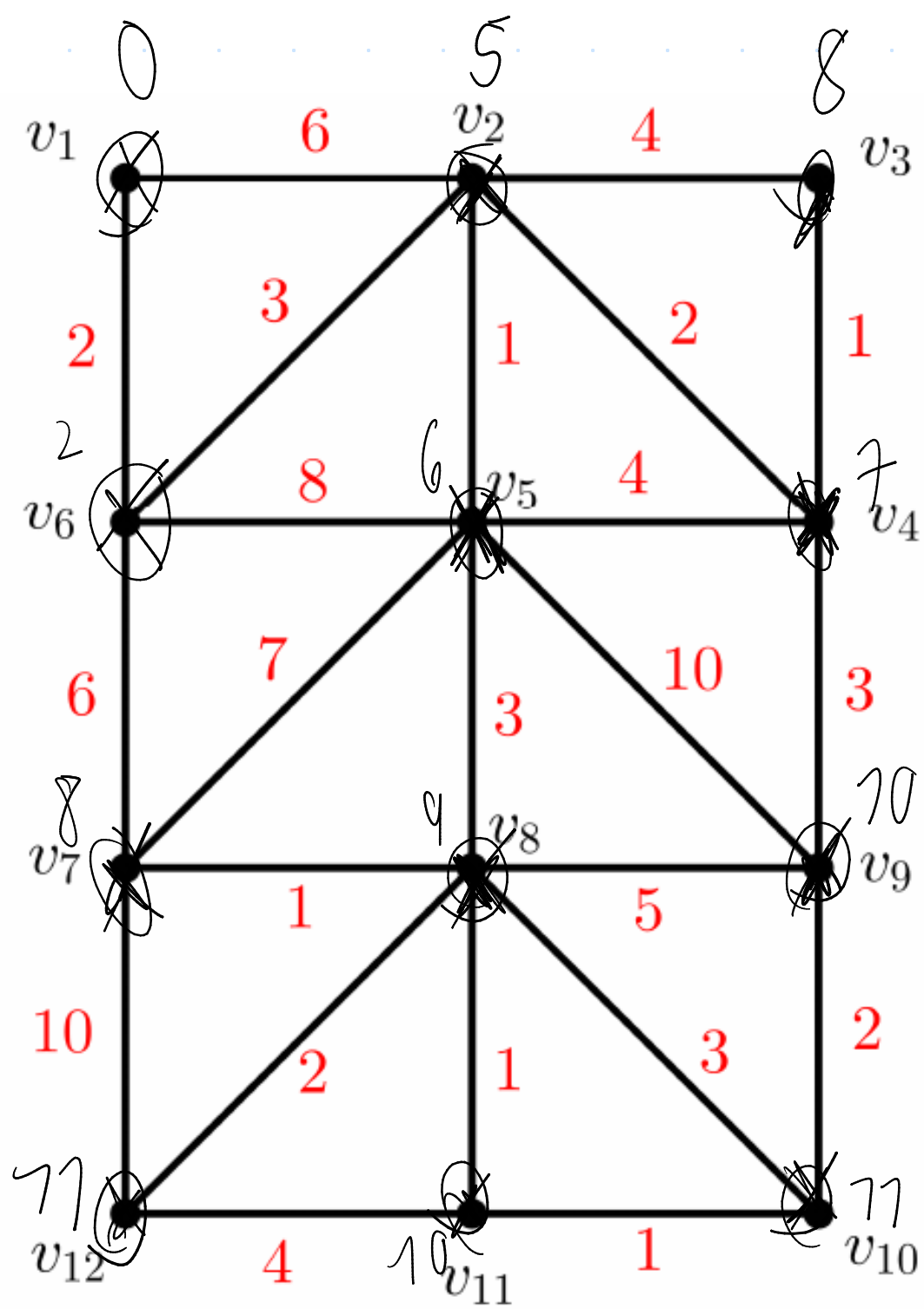


2)



3)



$v_1, v_6, v_2, v_5, v_4, v_3, v_7$   
 $v_8, v_9, v_{11}, v_{12}, v_{10}$

4)  $(7, 6, 6, 5, 3, 3, 2, 7, 7)$

$(5, 5, 4, 2, 2, 1, 0, 7)$

$(4, 3, 1, 7, 0, 7, 0)$

$(2, 0, 0, 0, 0, 0)$

$(-1, -1, 0, 0, 0)$

nemí správně grafu

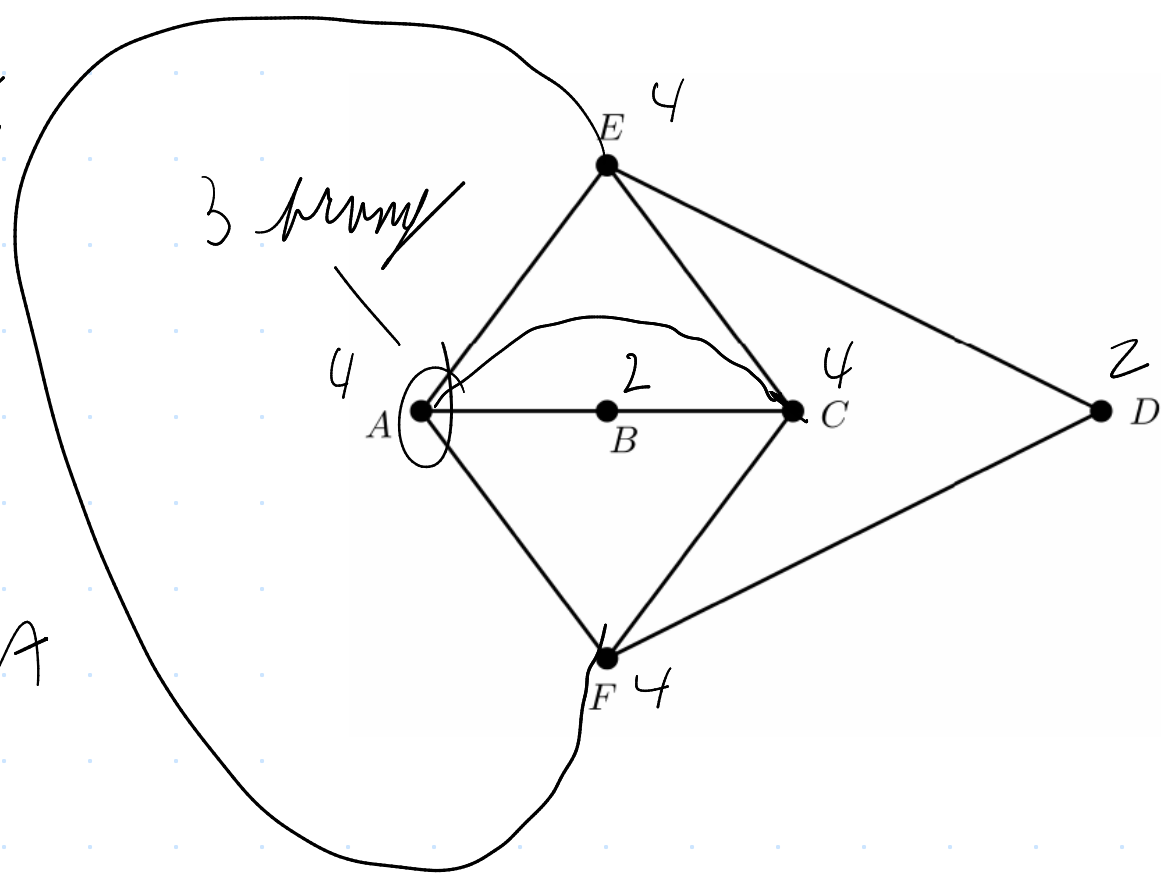
5) a)

má lichý počet stupňů  
nelze sestavit.

$F \rightarrow E \rightarrow A \rightarrow F$

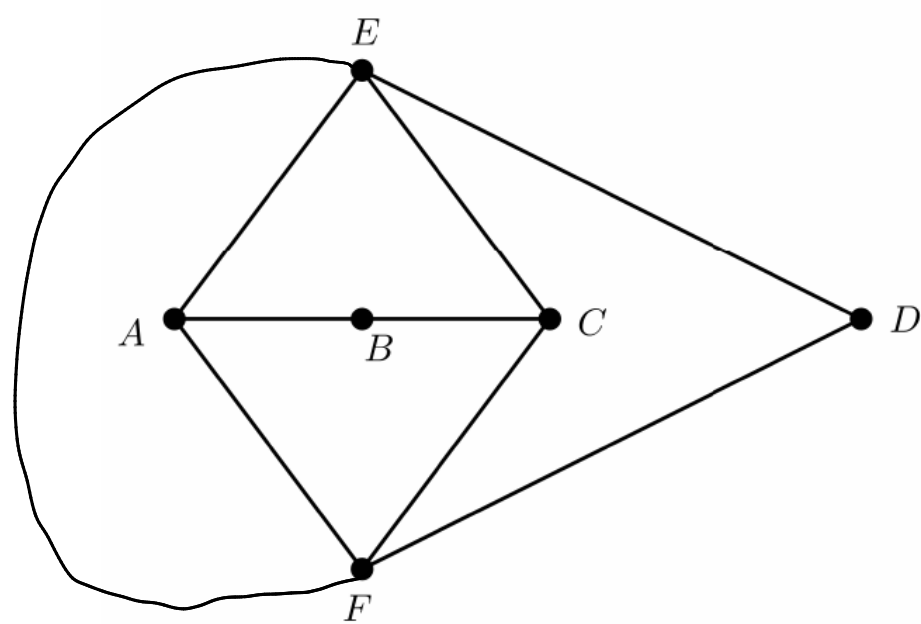
$\rightarrow D \rightarrow E \rightarrow C \rightarrow A$

$\rightarrow B \rightarrow C \rightarrow F$



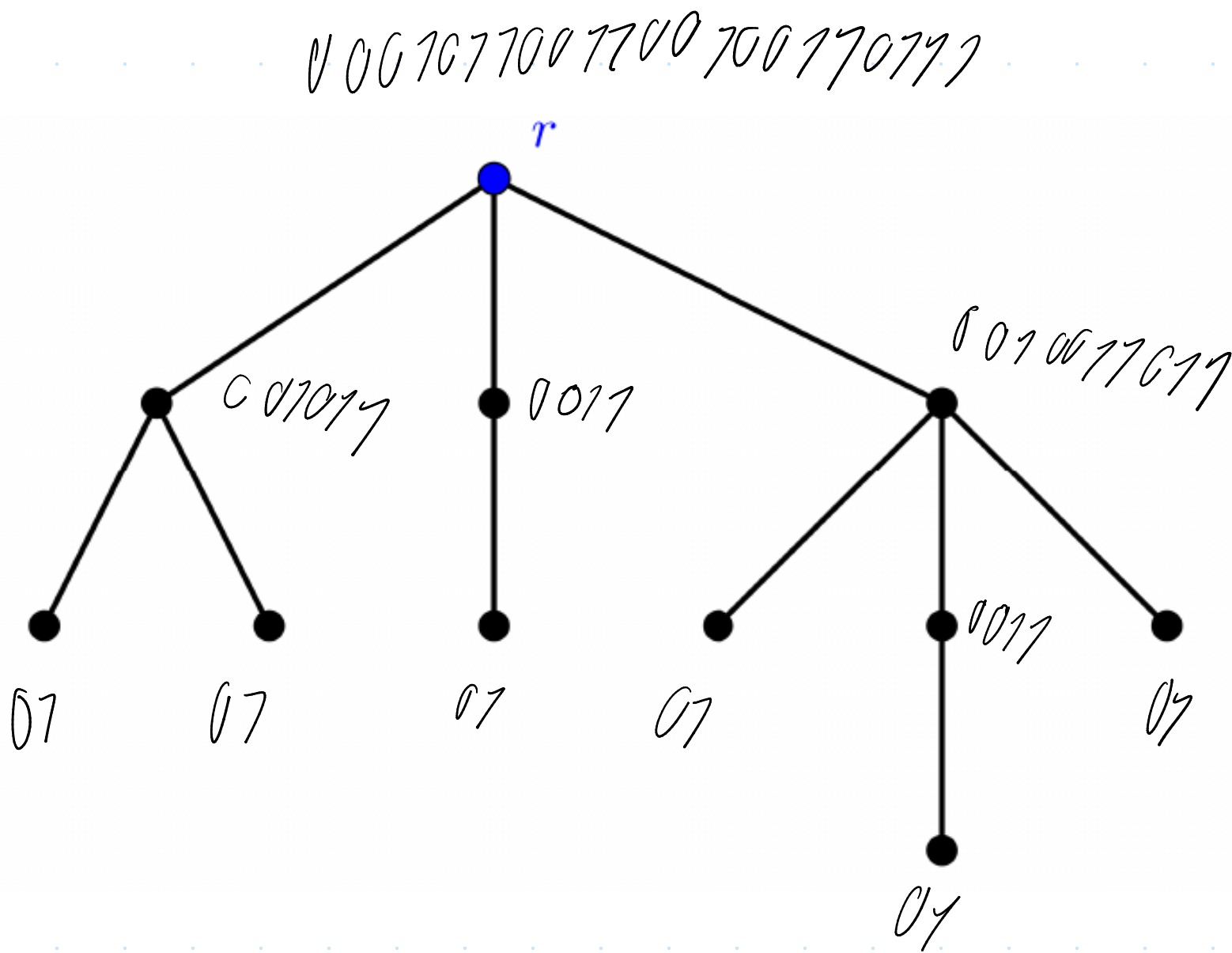
b)

Nelze sestavit nemá 2 liché stupně,

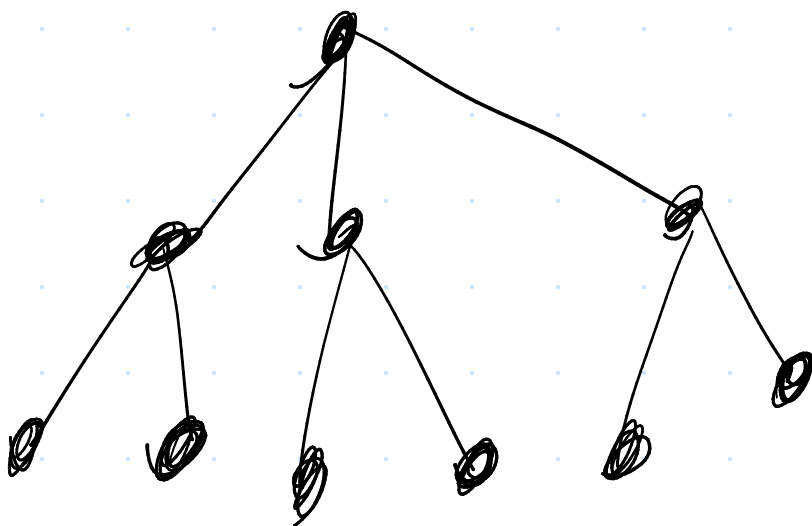


$A \rightarrow E \rightarrow C \rightarrow F \rightarrow D \rightarrow E \rightarrow F \rightarrow A \rightarrow B \rightarrow C$

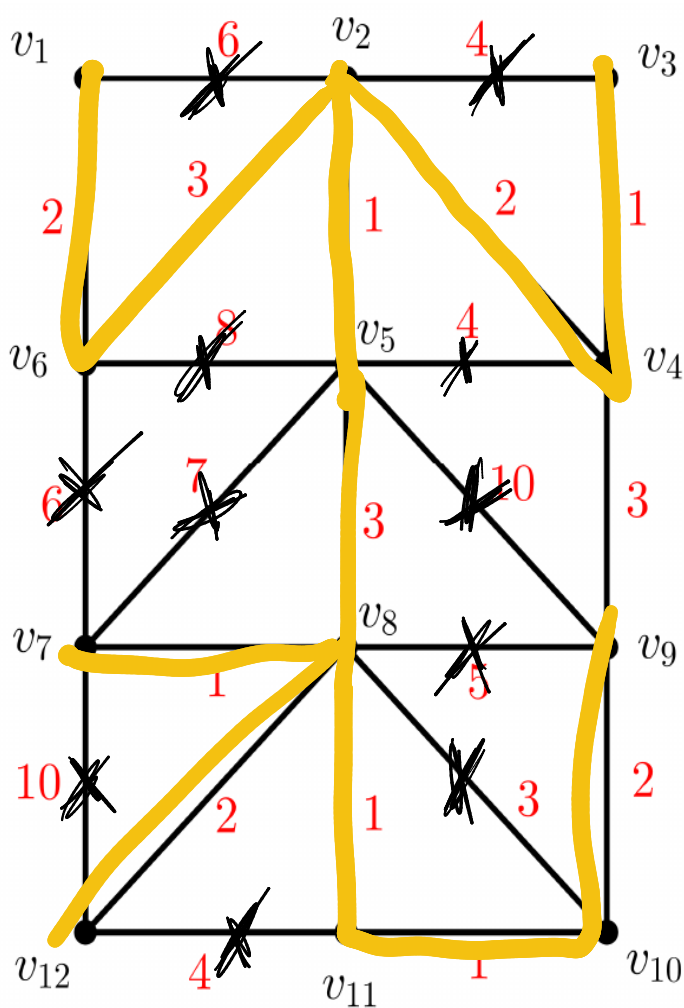
6)



00010110010110010111.



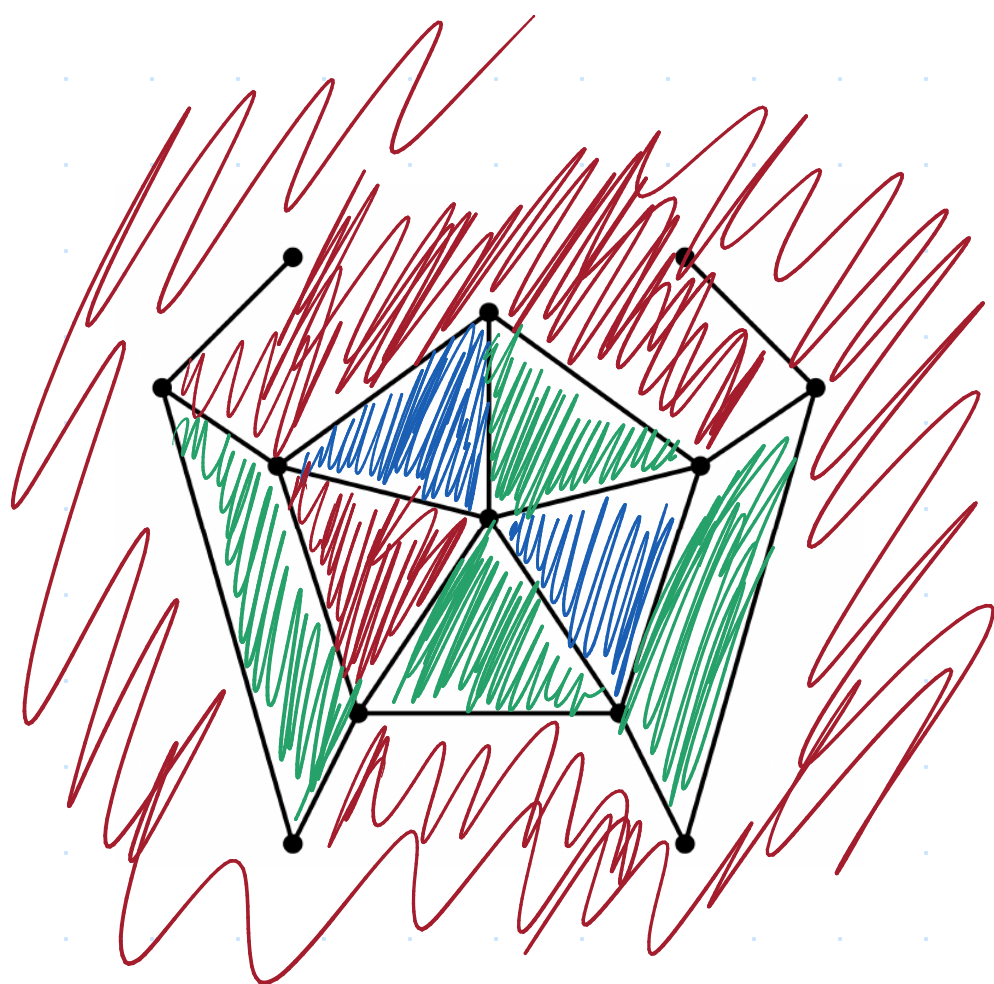
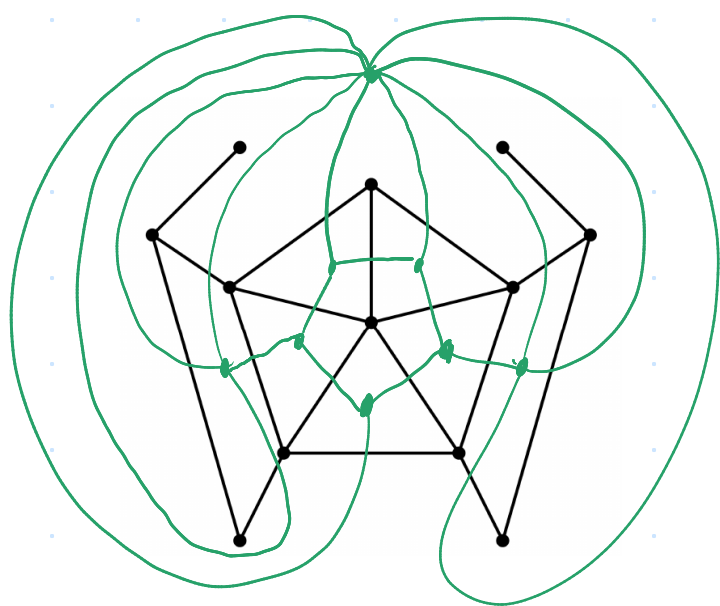
7)



$$2+3+7+2+7+3+1+2+7+7+2 = 74$$

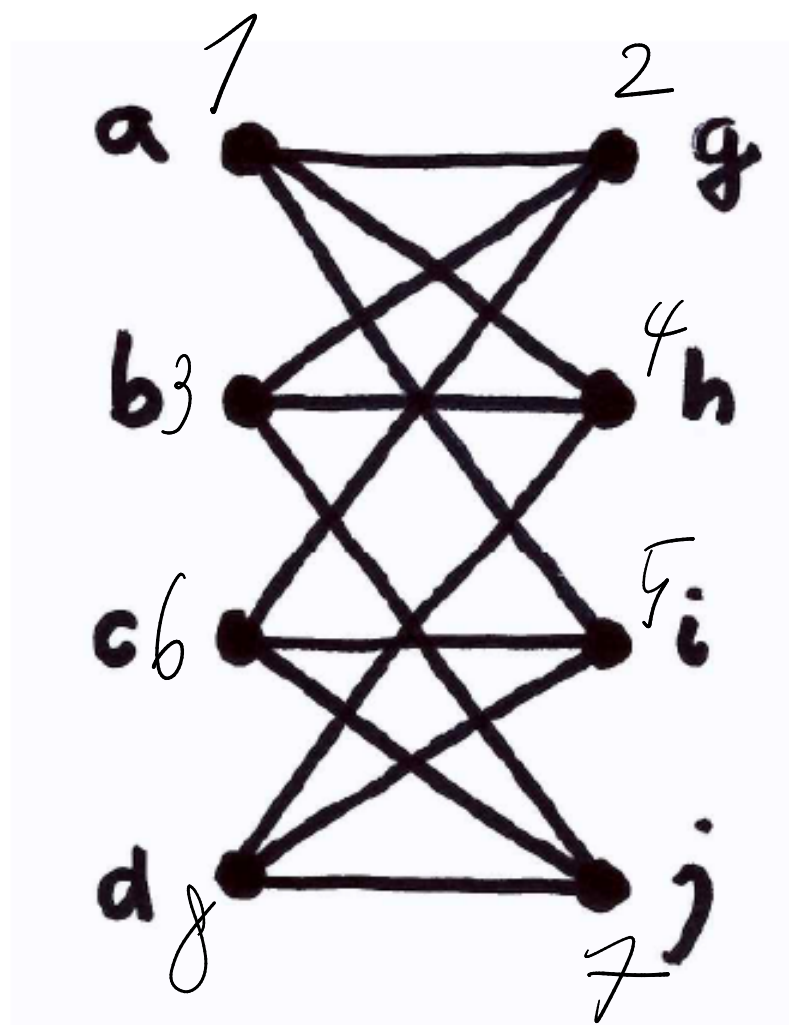
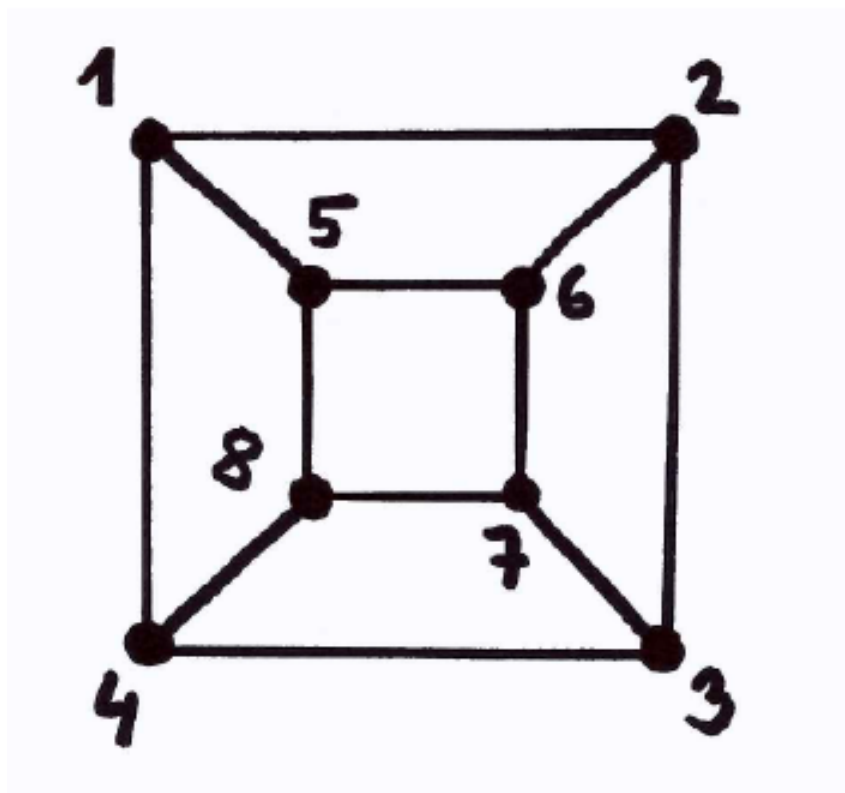
Všok možný je 74.

f)



3 ~~ways~~

B7



Je isomorfni

B2

$$\begin{matrix}
 & 1 & 2 & 3 & 4 & 5 & 6 \\
 \begin{matrix} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \end{matrix} & \begin{pmatrix} 0 & 1 & 1 & 0 & 0 & 1 \\ 1 & 0 & 1 & 0 & 1 & 0 \\ 1 & 1 & 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 1 & 1 & 0 \\ 0 & 1 & 0 & 1 & 0 & 1 \\ 0 & 0 & 1 & 0 & 1 & 1 \end{pmatrix}
 \end{matrix}$$