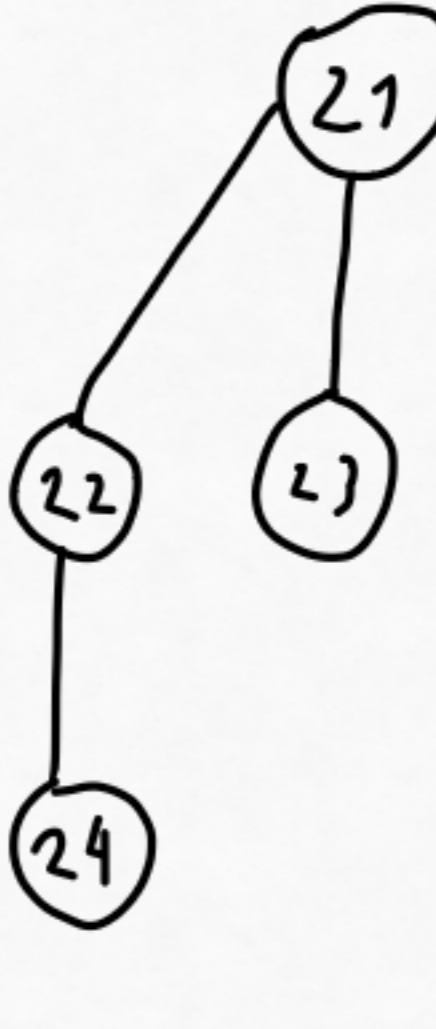


1

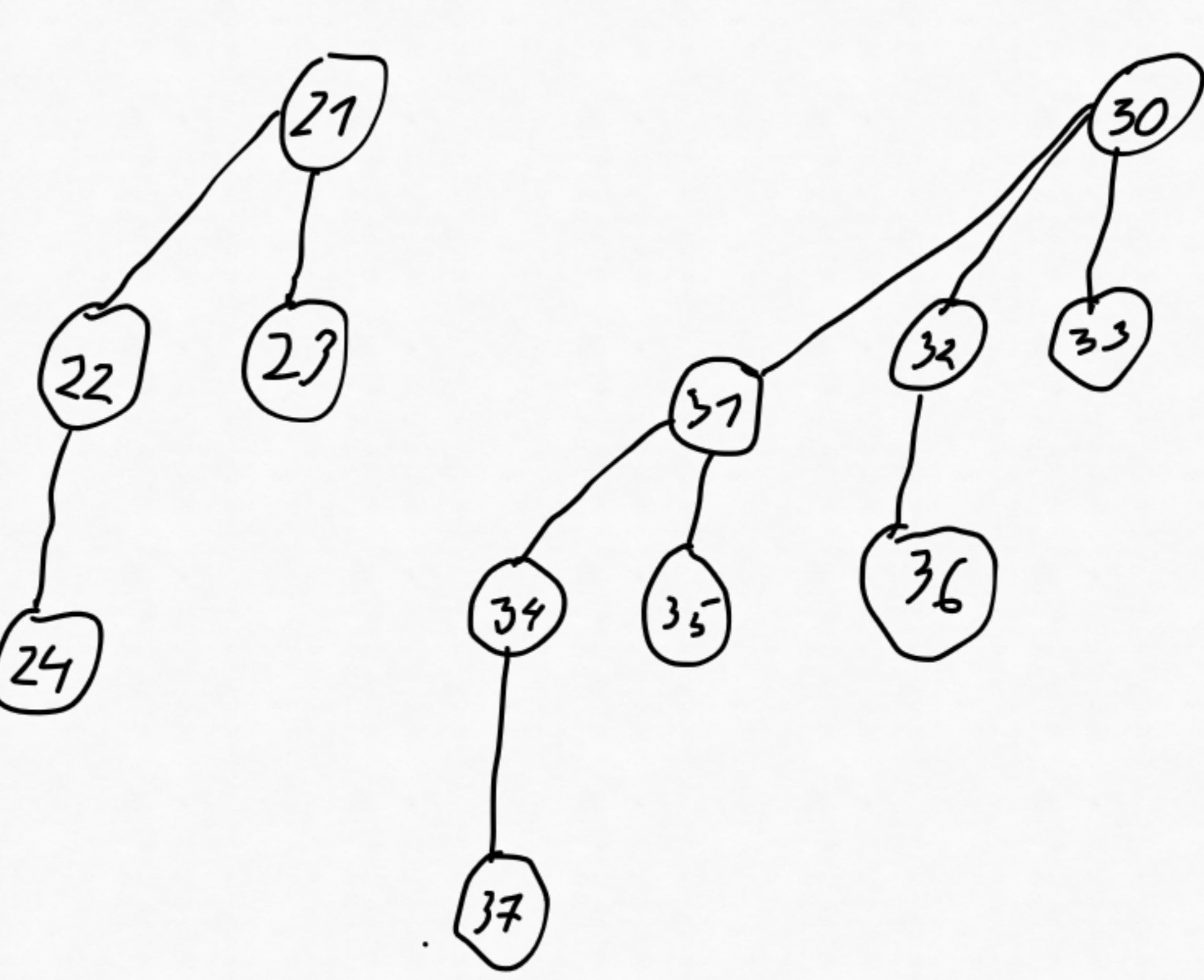
A)

20

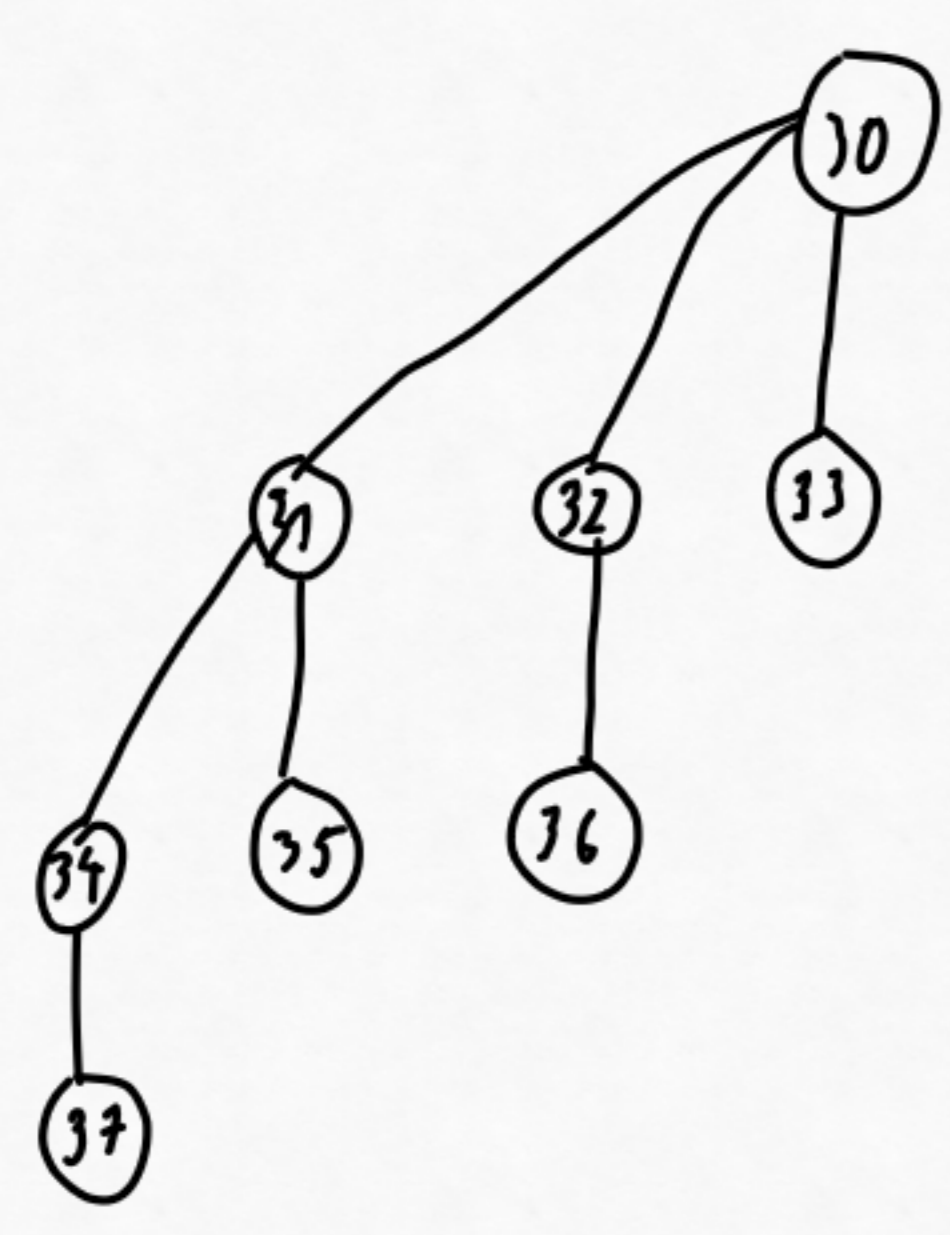


C)

20



B)



D) Když $n=16 \Rightarrow$ počet stromů 1
 $m=15 \Rightarrow$ počet stromů 4 \Rightarrow platí

2

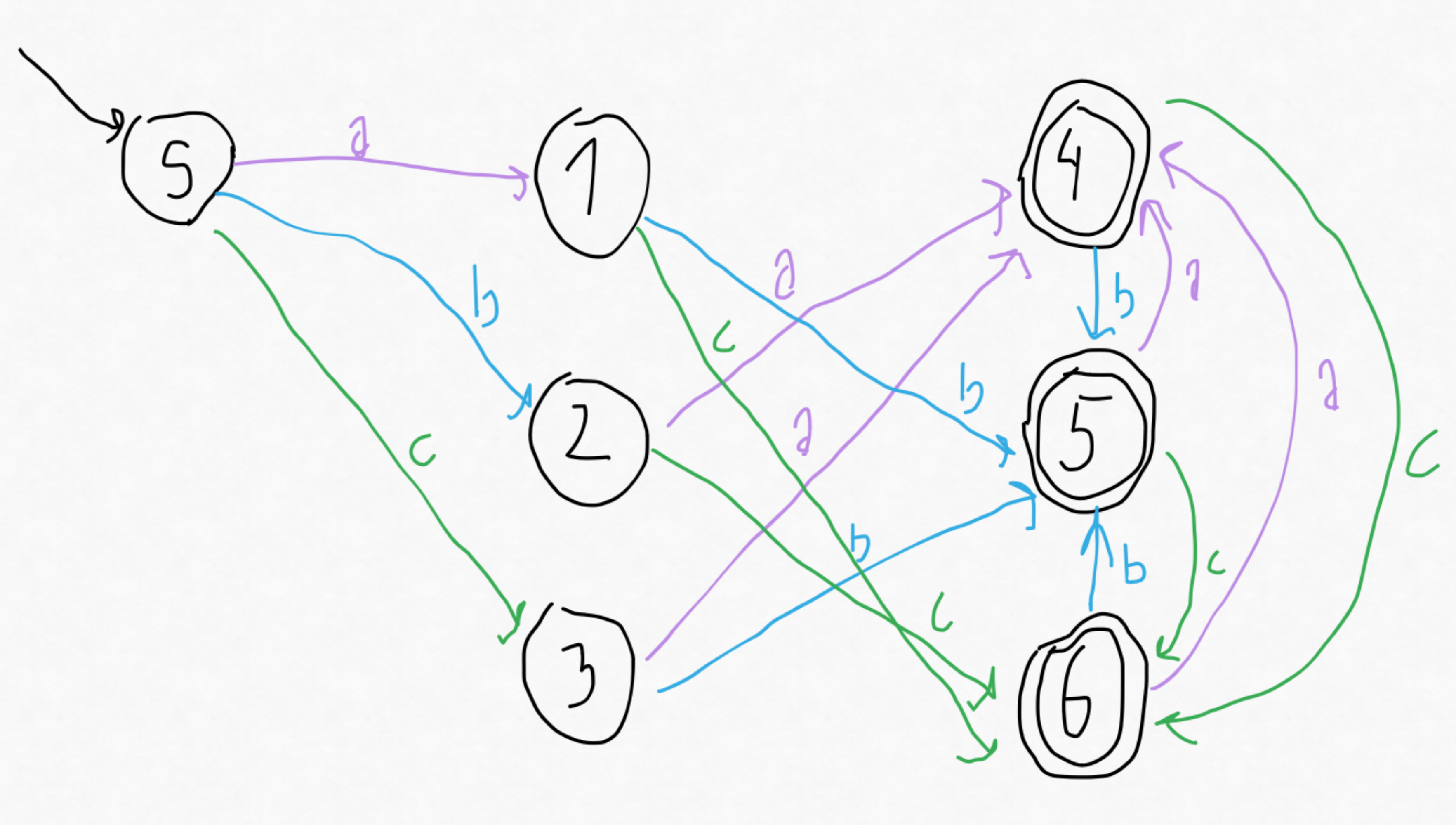
A)

2bc2
bcab

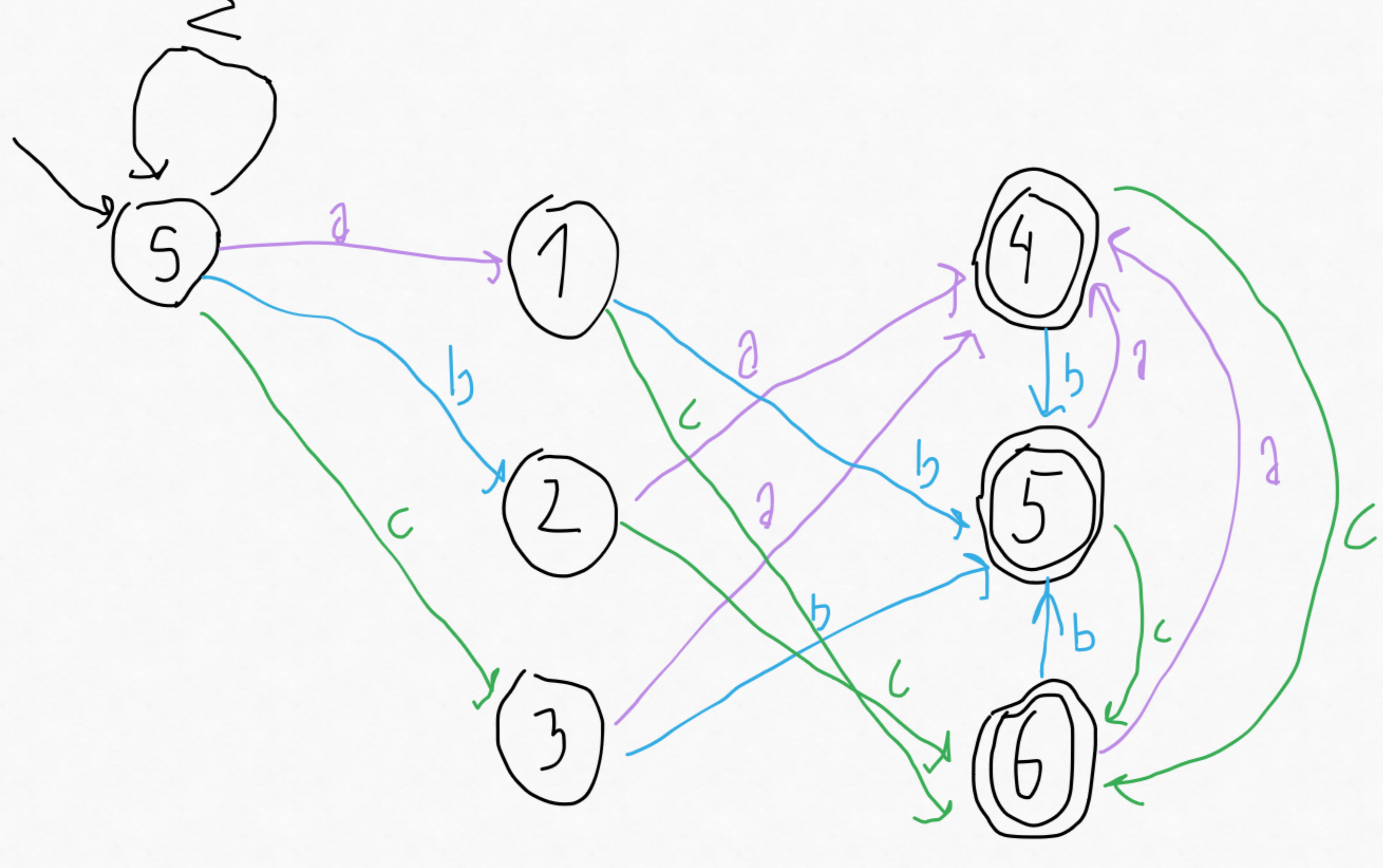
B)

2b
2bc2

C)



D)



3

A)

4 \rightarrow f
3 \rightarrow e
5 \rightarrow d
...

existuje 1 bijekce \Rightarrow jsou 420

B)

1! · 2! · 4!

C)

1 \rightarrow a
2 \rightarrow b
3 \rightarrow e
4 \rightarrow f
5 \rightarrow c
6 \rightarrow c
7 \rightarrow d

2)

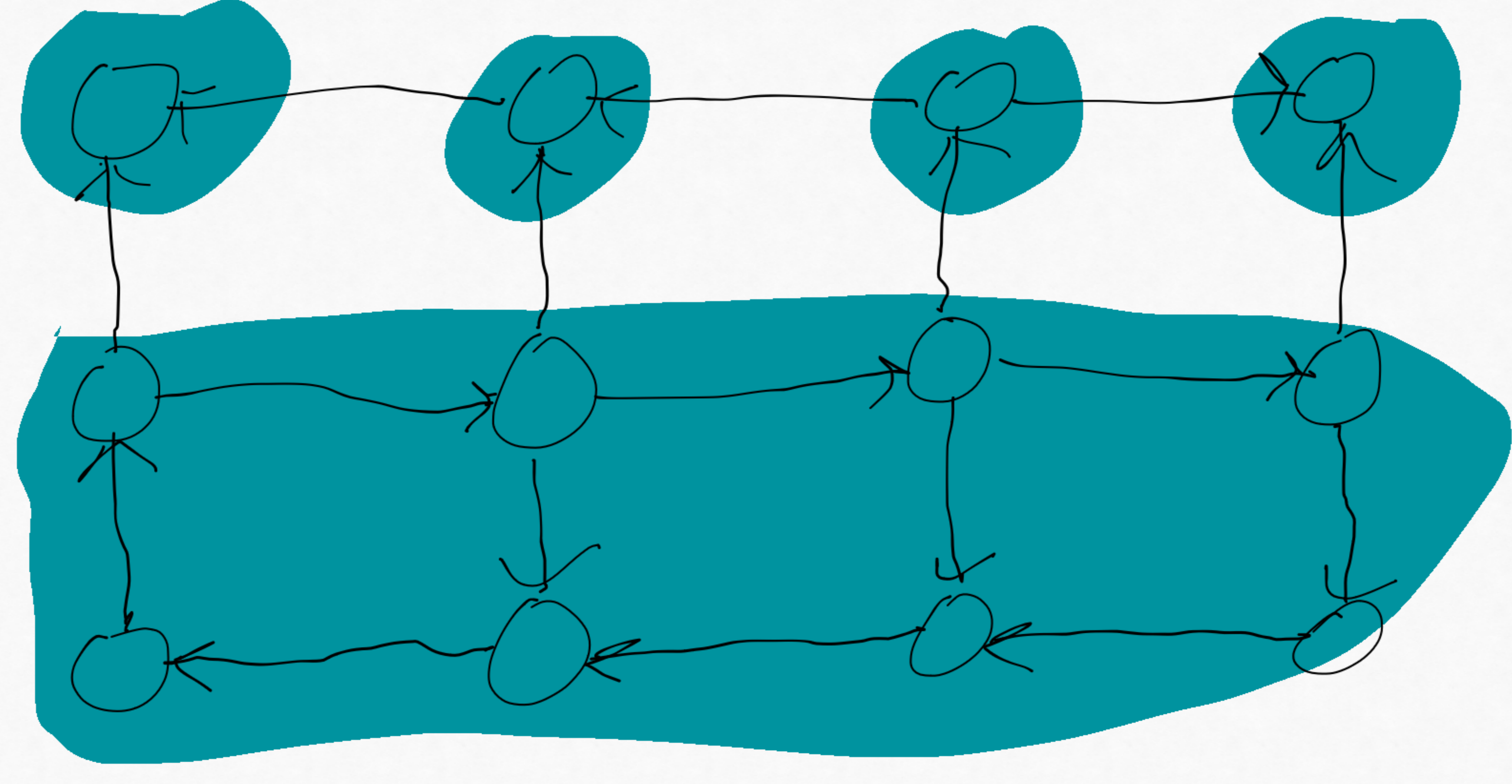
1 \rightarrow a
2 \rightarrow b
3 \rightarrow e
4 \rightarrow f
5 \rightarrow c
6 \rightarrow d
7 \rightarrow c

D)

1-2 & 2e

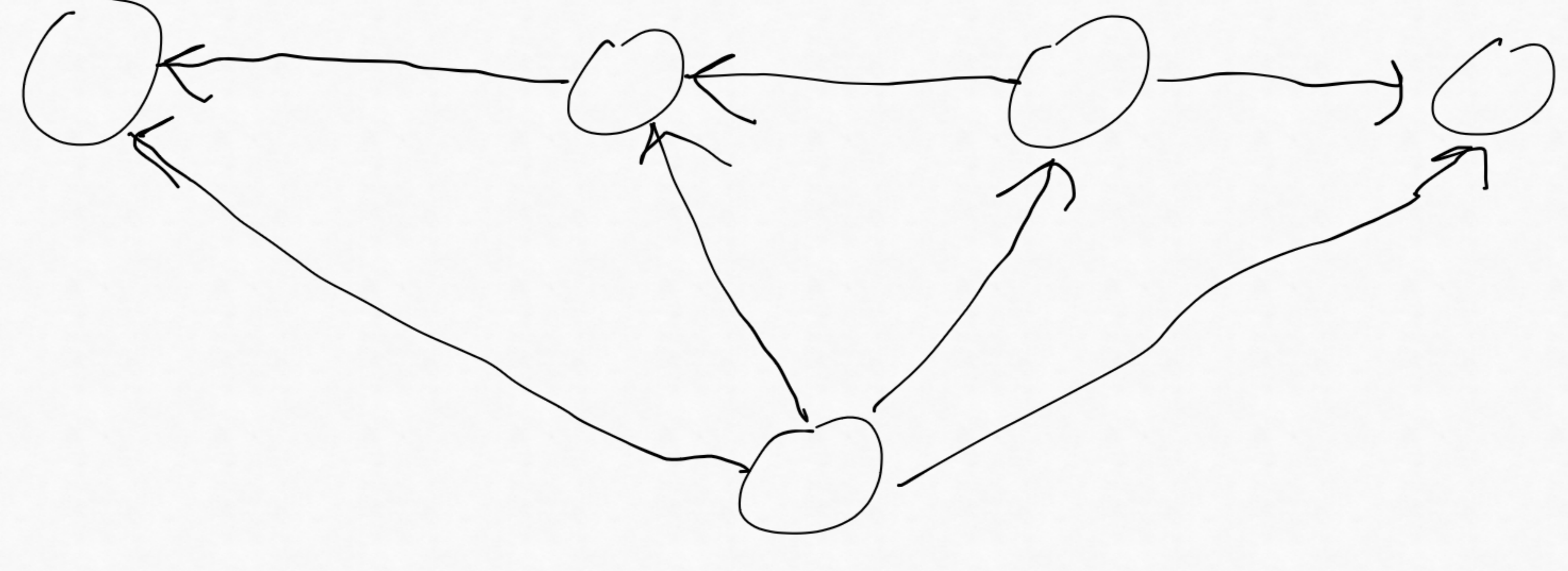
4

A)



G2

B)



C)

1, 4, 6, 9, 12, 8, 10, 7

D)

$|E| = 2(n-1) \cdot (n-1) + n + n - 2$
 $|V| = M \cdot N$
 $O(|E| + |V|)$

M=4
N=3

