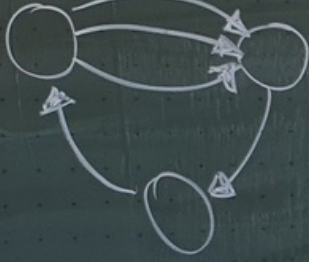
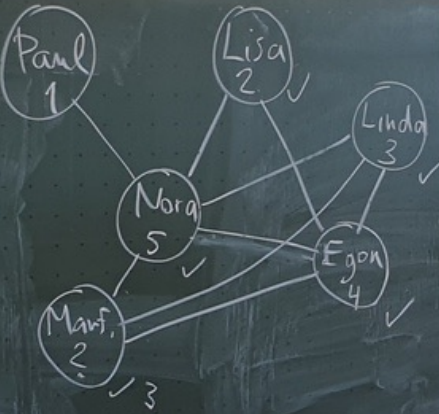


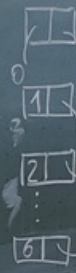
Multigraph



1.1)



1.2)



0, 1, ..., 6: 7
 1, 2, ..., 6: 6
 2, 3, ..., 5: 5
 ...
 6: 1

$$\sum_{i=1}^7 i = \sum_{i=0}^6 i + 7$$

$$= \binom{7}{2} + 7$$

$$= \frac{7 \cdot 6}{2} + 7$$

$$= 28 + 7 = 35$$

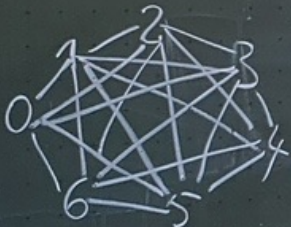
n beliebig: $\sum_{i=0}^n i + (n+1)$

$$= \frac{n \cdot (n+1)}{2} + \frac{(n+1) \cdot 2}{2} = \frac{(n+2)(n+1)}{2}$$

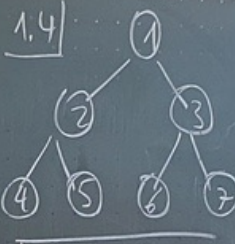
Andere Lösung

nicht-symm. Steine: $\frac{(n+1) \cdot n}{2}$

Symm. Steine: $\frac{(n+2)(n+1)}{2}$



1.4)



0	1
1	0
	0
	0
	0
	0

1.5)



1.6)

u	d	π
r	4	S
s	3	W
t	1	U
u	0	M
v	5	L
w	2	R
x	1	T
y	1	U

1.8)

