

# UNESC - Ciência da Computação

Lucas Orestes Fabris

Avaliação - Teoria de grupos

1, a, 4 e 5    b, 2    c, a3    d, a1 e a2

e, 3    f, 1-a1-2-a4-3-a6-4-a6-3-a5-1

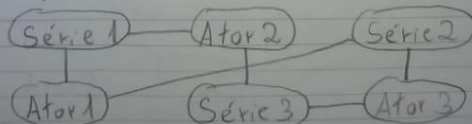
g, 1-a1-2-a4-3-a5-1    h, Não    i, Não

2,

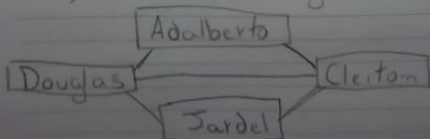


$K_5$

3-1, Atores e suas séries



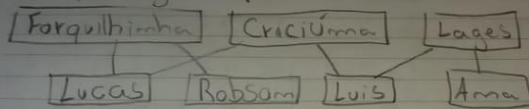
3-2, Ciclo de amigos



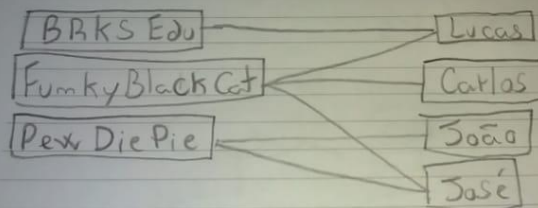
Lucas Orestes Fobris

Questão 3 Continuação

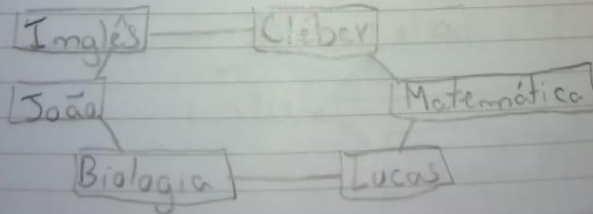
3-3, Viagem para cidades



3-4, Pessoas que curtem o mesmo canal no Youtube



3-5, Matérias preferidas de cada pessoa



Lucas Orestes Fabris

4- Há relacionamento entre todos os vértices

5-

	1	2	3	4		1	2	3		
1	0	3	1	0		2	1	4	6	7
2	0	0	0	2		3	1	5	6	7
3	0	0	0	2		4	2	6		
4	1	0	0	0		5	3	7		
						6	2	3	4	7
						7	2	3	5	6

6a)

	1	2	3	4	5
1	1	1	0	0	2
2	1	1	1	1	1
3	0	1	0	1	0
4	0	1	1	0	0
5	2	1	0	0	0

b)

	1	2	3	4
1	0	1	0	0
2	0	0	1	1
3	0	0	0	1
4	0	0	1	0

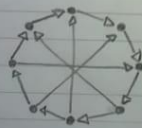
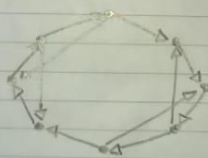
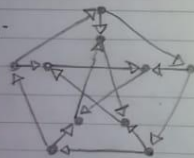
Lucas Orestes Fabris

7. São alcançáveis os nós 3, 4, 5 e 6

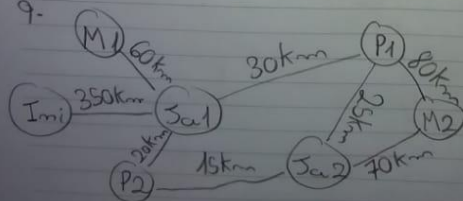
b, 3-2-5-2-7-6

c, 1-2-3-2-4-3-5-4-6-5-7-6

8.



9.



O menor caminho será

Imi - Jca1/350 - P1/30 - M2/80