

Problem 3: Combining Relations

1)

Ra	Rb	Rc	Sa	Sb
1	2	3	2	3
1	2	3	3	4
1	2	3	7	6
3	4	3	3	3
3	4	3	3	4
3	4	3	7	6
7	6	5	2	3
7	6	5	3	4
7	6	5	7	6

2)

A	B	C
3	4	3
7	6	5

3)

A	B	C
1	2	3
3	4	3
7	6	5

4)

A	B	C
2	3	—
3	4	3
7	6	5

5)

A	B	C
1	2	3
3	4	3
7	6	5
2	3	—