

Part A: Relational Algebra

1. Relation $R(A, B, C)$:

A	B	C
2	5	0
1	0	1
6	1	2
7	8	6
8	2	9

Relation $S(A, B, C)$:

A	B	C
1	0	1
6	1	3
7	8	6
8	3	2

$$(R - S) \cup (S - R)$$

$$(R - S) = [(2, 5, 0), (6, 1, 2), (8, 2, 9)]$$

$$(S - R) = [(6, 1, 3), (8, 3, 2)]$$

$$\rightarrow (R - S) \cup (S - R) = [(2, 5, 0), (6, 1, 2), (8, 2, 9), (6, 1, 3), (8, 3, 2)]$$