

*I Silas Davis declare that I have completed this assignment completely and entirely on my own, without any consultation with others. I understand that any breach of the UAB Academic Honor Code may result in severe penalties.*

*Silas Davis*

1.

A	B	C	D
6	4	3	9
3	5	1	6

2.

A	B	C	D

The table is empty because the conditions have not been met.

3. Min: 0, Max:  $r*s$       R-R:  $r*r$

4.

A	B
2	1
2	4
5	4
5	2
2	1

5. Intersection

A	B	C
a	b	c
b	e	f

d	e	c
---	---	---

Union

A	B	C
a	b	c
d	e	f
b	e	c
a	b	f
b	e	d

R-S

A	B	C
d	b	c
a	b	f

S-R

A	B	C
b	e	d