R

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

S

B	C	D
b	c	d
b	c	e
e	b	a
a	d	b

$R \ltimes S$

A	B	C
a	b	c
d	b	c
c	a	d

$S \ltimes R$

B	C	D
b	c	d
b	c	e
a	d	b

$R \overline{\ltimes} S$

A	B	C
b	b	f

R anti join S