Activity 1: Size of results

R(A,B)

A	B
1	x
2	y
2	z
3	x
9	a

S(B,C,D)

B	C	D
x	0	3
y	2	1
y	3	3
w	3	0
y	2	0

Expression	Size of results
$R \times S$	
$R \bowtie S$	
$R \bowtie_{A=D} S$	
$\pi_B(R) - \pi_B(\sigma_{C<3}(S))$	