

A

| | |
|----------|----------|
| a_{11} | a_{12} |
| a_{21} | a_{22} |
| a_{31} | a_{32} |
| a_{41} | a_{42} |

 B

| | | |
|----------|----------|----------|
| b_{11} | b_{12} | b_{13} |
| b_{21} | b_{22} | b_{23} |

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |



$$a_{11}b_{12} + a_{12}b_{22}$$



$$a_{31}b_{13} + a_{32}b_{23}$$