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In [1]: A=matrix([[5,1,2,3],[2,2,-1,3]])  
show(A)
```

```
Out[1]: 
$$\begin{pmatrix} 5 & 1 & 2 & 3 \\ 2 & 2 & -1 & 3 \end{pmatrix}$$

```

```
In [2]: B=matrix([[1,2,3],[-2,3,-1],[3,-3,-1],[-4,2,2]])  
show(B)
```

```
Out[2]: 
$$\begin{pmatrix} 1 & 2 & 3 \\ -2 & 3 & -1 \\ 3 & -3 & -1 \\ -4 & 2 & 2 \end{pmatrix}$$

```

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In [3]: show(A*B)
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Out[3]: 
$$\begin{pmatrix} -3 & 13 & 18 \\ -17 & 19 & 11 \end{pmatrix}$$

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In [0]:
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