a) Multiply out:	$\begin{pmatrix} 2 & 4 \\ 3 & -1 \end{pmatrix} \begin{pmatrix} -2 & 6 \\ 2 & 1 \end{pmatrix}$		b) Multiply out:	$\begin{pmatrix}3 & -1\\2 & 0\end{pmatrix}\begin{pmatrix}3 & -5\\1 & 4\end{pmatrix}$	
How do we find the value in the top-left cell?	$\binom{2}{3}  \binom{4}{-1} \binom{-2}{2}  \binom{6}{2}  \binom{6}{2}  \binom{2}{-2}  \binom{6}{-2}  6$	(4)	How do we find the value in the top-left cell?	$\binom{3}{2}  -1 \\ 2  0 \\ (3 \times 3) + (-1 \times 1) = 8$	(8)
How do we find the value in the top- right cell?	$\binom{2}{3}  \binom{4}{-1}\binom{-2}{2}  \binom{6}{2}$ $(2 \times 6) + (4 \times 1) = 16$	(4 16)	How do we find the value in the top- right cell?	$\binom{3 \ -1}{2 \ 0} \binom{3 \ -5}{1 \ 4}$ $(3 \times -5) + (-1 \times 4) = -19$	(8 -19)
How do we find the value in the bottom- left cell?	$\binom{2}{3}  \binom{4}{-1} \binom{-2}{2}  \binom{6}{2}  \binom{6}$	$\begin{pmatrix} 4 & 16 \\ -8 & \end{pmatrix}$	How do we find the value in the bottom- left cell?	$\binom{3 \ -1}{2 \ 0} \binom{3 \ -5}{1 \ 4}$ $(2 \times 3) + (0 \times 1) = 6$	$\begin{pmatrix} 8 & -19 \\ 6 & \end{pmatrix}$
How do we find the value in the bottom- right cell?	$\binom{2}{3}  \binom{4}{-1} \binom{-2}{2}  \binom{6}{2} \\ (3 \times 6) + (-1 \times 1) = 4$	$\begin{pmatrix} 4 & 16 \\ -8 & 17 \end{pmatrix}$	How do we find the value in the bottom- right cell?		
	BA			THS	

c) Multiply out:	$\begin{pmatrix} -1 & 3 \\ 0 & 2 \end{pmatrix} \begin{pmatrix} 5 & 3 \\ -2 & 1 \end{pmatrix}$		d) Multiply out: $\begin{pmatrix} 2 & -3 \\ 1 & 0 \end{pmatrix} \begin{pmatrix} -1 & 4 \\ 2 & -1 \end{pmatrix}$
How do we find the value in the top-left cell?	$ \binom{-1}{0} \ \ {}^{3}_{2} \binom{5}{-2} \ \ {}^{3}_{1} $ $ (-1 \times 5) + (3 \times -2) = -11 $	(-11 )	
How do we find the value in the top- right cell?	$ \binom{-1}{0} \ {}^{3}_{2} \binom{5}{-2} \ {}^{3}_{1} \binom{1}{-2} $ $ (-1 \times 3) + (3 \times 1) = 0 $	$\begin{pmatrix} -11 & 0 \end{pmatrix}$	
How do we find the value in the bottom- left cell?			
How do we find the value in the bottom- right cell?			
	<b>D</b> A		