



Matrices - Find Determinant (3x3)

1 Find the determinant of this matrix $\begin{bmatrix} 6 & 3 & 5 \\ 2 & 9 & 8 \\ 8 & 9 & 8 \end{bmatrix}$	A -126	B -88	2 Find the determinant of this matrix $\begin{bmatrix} 0 & 8 & 3 & 3 \\ 7 & 5 & 3 & 9 \\ 2 & 7 & 7 & 5 \end{bmatrix}$	A -23	B -6		
	C -189	D -176		C 0	D -24		
	E -139	F not defined		E not defined	F 17		
3 Find the determinant of this matrix $\begin{bmatrix} 6 & 5 & 2 \\ 4 & 0 & 9 \\ 6 & 4 & 9 \end{bmatrix}$	A -141	B -75	C -94	4 Find the determinant of this matrix $\begin{bmatrix} 8 & 1 & 0 \\ 8 & 4 & 5 \\ 1 & 9 & 7 \end{bmatrix}$	A -187	B -243	
	D -132	E -103	F -56		C not defined	D -262	
					E -168	F -150	
5 Find the determinant of this matrix $\begin{bmatrix} 0 & 6 & 6 \\ 6 & 6 & 0 \\ 3 & 7 & 7 \end{bmatrix}$	A -108	B -130	C -151	6 Find the determinant of this matrix $\begin{bmatrix} 1 & 2 & 1 \\ 2 & 6 & 5 \\ 6 & 7 & 3 \end{bmatrix}$	A 9	B 10	C 8
	D -140	E -86	F -65		D 14	E 12	F 5
7 Find the determinant of this matrix $\begin{bmatrix} 2 & 8 & 2 \\ 6 & 3 & 3 \\ 4 & 8 & 8 \end{bmatrix}$	A -281	B -302	8 Find the determinant of this matrix $\begin{bmatrix} 9 & 0 & 6 \\ 5 & 3 & 8 \\ 8 & 1 & 9 \end{bmatrix}$	A 57	B 46	C 51	
	C -130	D not defined		D 34	E 74	F 68	
	E -238	F -216					