

$x = -4$	$\begin{vmatrix} 1 & 2 \\ 1 & 3 \end{vmatrix}$	2	$\begin{vmatrix} 4 & 3 \\ 4 & 4 \end{vmatrix}$
1	$\begin{vmatrix} 1 & -1 \\ 2 & -4 \end{vmatrix}$	4	$\begin{vmatrix} -3 & -4 \\ 1 & 4 \end{vmatrix}$
-2	$\begin{vmatrix} 2 & 1 \\ 3 & -1 \end{vmatrix}$	-8	$\begin{vmatrix} 0 & 10 \\ -1 & 0 \end{vmatrix}$
-5	$\begin{vmatrix} 0 & -2 \\ 1 & -4 \end{vmatrix}$	10	$\begin{vmatrix} -1 & -2 \\ 1 & -3 \end{vmatrix}$

5	$\begin{vmatrix} 2 & 4 \\ 1 & 2 \end{vmatrix}$	$x = 1$	$\begin{vmatrix} 2x \\ 13 \end{vmatrix}$ For what value of x does this have no inverse?
0 ie. no inverse	$\begin{vmatrix} 3 & -2 \\ 1 & 4 \end{vmatrix}$	$x = 6$	$\begin{vmatrix} 5 & 2 \\ 1 & 1 \end{vmatrix}$
14	$\begin{vmatrix} 2 & 1 \\ -2 & -4 \end{vmatrix}$	3	$\begin{vmatrix} 2 & 1 \\ -2 & 3 \end{vmatrix}$
-6	$\begin{vmatrix} x & 2 \\ 2 & 4 \end{vmatrix}$ For what value of x does this have no inverse?	8	$\begin{vmatrix} 2 & 2 \\ x & -4 \end{vmatrix}$ For what value of x does this have no inverse?