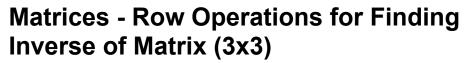
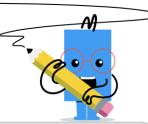


mobius





1	Subtract row 3 from row 1 of the augmented matrix as many times as needed to solve for row 1 of the finverse matrix	2	Swap rows 2 and 3 of the augmented matrix to solve those rows of the [7
			$\left[\begin{array}{cccccccccccccccccccccccccccccccccccc$
Α	[1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Α	$\begin{bmatrix} 7 & 1 & 5 & & 1 & 0 & 0 \\ 0 & 1 & 0 & & 1 & 0 & 0 \\ 0 & 0 & 1 & & 0 & 1 & 0 \end{bmatrix} \qquad \qquad B \qquad \begin{bmatrix} 7 & 1 & 5 & & 1 & 0 & 0 \\ 0 & 1 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 1 & 0 \end{bmatrix}$
С	$\begin{bmatrix} 1 & 0 & 0 & & 1 & 0 & 3 \\ 1 & 8 & 6 & & 0 & 1 & 0 \\ 0 & 0 & 3 & & 0 & 0 & 1 \end{bmatrix} \qquad \qquad D \qquad \begin{bmatrix} 1 & 0 & 0 & & 1 & 0 & -2 \\ 1 & 8 & 6 & & 0 & 1 & 0 \\ 0 & 0 & 3 & & 0 & 0 & 1 \end{bmatrix}$	С	$\begin{bmatrix} 7 & 1 & 5 & & 1 & 0 & 0 \\ 0 & 1 & 0 & & 0 & 0 & 1 \\ 0 & 0 & 1 & & 0 & 1 & 0 \end{bmatrix} \qquad \qquad D \qquad \begin{bmatrix} 7 & 1 & 5 & & 1 & 0 & 0 \\ 0 & 1 & 0 & & 0 & 0 & 1 \\ 0 & 0 & 1 & & 0 & 0 & 1 \end{bmatrix}$
Е	$\begin{bmatrix} 1 & 0 & 0 & & 1 & 0 & 6 \\ 1 & 8 & 6 & & 0 & 1 & 0 \\ 0 & 0 & 3 & & 0 & 0 & 1 \end{bmatrix} \qquad \qquad F \qquad \begin{bmatrix} 1 & 0 & 0 & & 1 & 0 & -1 \\ 1 & 8 & 6 & & 0 & 1 & 0 \\ 0 & 0 & 3 & & 0 & 0 & 1 \end{bmatrix}$	E	$\begin{bmatrix} 7 & 1 & 5 & & 1 & 0 & 0 \\ 0 & 1 & 0 & & 0 & 0 & 1 \\ 0 & 0 & 1 & & 1 & 0 & 0 \end{bmatrix} \qquad \qquad F \qquad \begin{bmatrix} 7 & 1 & 5 & & 1 & 0 & 0 \\ 0 & 1 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 0 & 1 \end{bmatrix}$
3	Multiply row 3 of the augmented matrix by whatever factor is needed to solve for that row of the inverse $\begin{bmatrix} 9 & 1 & 3 & matrix & 0 & 0 \\ 1 & 9 & 1 & & 0 & 1 & 0 \\ 0 & 0 & 0.33 & & 0 & 0 & 1 \end{bmatrix}$	4	Subtract row 2 from row 3 of the augmented matrix as many times as needed to solve for row 3 of the 2 1 9nverse matrix 0 0 2 0 0 1 0 0 0 1 0 0 6 1 0 0 1 1
Α	$\begin{bmatrix} 9 & 1 & 3 & & 1 & 0 & 0 \\ 1 & 9 & 1 & & 0 & 1 & 0 \\ 0 & 0 & 0.11 & & 0 & 0 & -4.5 \end{bmatrix} \qquad \qquad B \qquad \begin{bmatrix} 9 & 1 & 3 & & 1 & 0 & 0 \\ 1 & 9 & 1 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 0 & 3 \end{bmatrix}$	Α	$\begin{bmatrix} 2 & 1 & 9 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 6 & 1 \end{bmatrix} \qquad \qquad B \qquad \begin{bmatrix} 2 & 1 & 9 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 1.5 & 1 \end{bmatrix}$
С	$\begin{bmatrix} 9 & 1 & 3 & & 1 & 0 & 0 \\ 1 & 9 & 1 & & 0 & 1 & 0 \\ 0 & 0 & 0.11 & & 0 & 0 & 0 \end{bmatrix} \qquad \qquad D \qquad \begin{bmatrix} 9 & 1 & 3 & & 1 & 0 & 0 \\ 1 & 9 & 1 & & 0 & 1 & 0 \\ 0 & 0 & 0.11 & & 0 & 0 & 6 \end{bmatrix}$	С	$\begin{bmatrix} 2 & 1 & 9 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 0 & 1 \end{bmatrix} \qquad \qquad D \qquad \begin{bmatrix} 2 & 1 & 9 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & -9 & 1 \end{bmatrix}$
E	$ \begin{bmatrix} 9 & 1 & 3 & & 1 & 0 & 0 \\ 1 & 9 & 1 & & 0 & 1 & 0 \\ 0 & 0 & 0.11 & & 0 & 0 & 1.5 \end{bmatrix} \qquad \qquad F \qquad \begin{bmatrix} 9 & 1 & 3 & & 1 & 0 & 0 \\ 1 & 9 & 1 & & 0 & 1 & 0 \\ 0 & 0 & 0.11 & & 0 & 0 & -6 \end{bmatrix} $	E	$\begin{bmatrix} 2 & 1 & 9 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 7.5 & 1 \end{bmatrix} \qquad \qquad F \qquad \begin{bmatrix} 2 & 1 & 9 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & -3 & 1 \end{bmatrix}$
5	Add row 2 to row 3 of the augmented matrix as many times as needed to solve for row 3 of the inverse matrix 0 2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6	Subtract row 1 from row 2 of the augmented matrix as many times as needed to solve for row 2 of the highest formula in the highest formul
Α	$\begin{bmatrix} 6 & 6 & 2 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & -8 & 1 \end{bmatrix} \qquad \qquad B \qquad \begin{bmatrix} 6 & 6 & 2 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 10 & 1 \end{bmatrix}$	Α	$\begin{bmatrix} 4 & 0 & 0 & & 1 & 0 & 0 \\ 0 & 1 & 0 & & 7.5 & 1 & 0 \\ 3 & 2 & 4 & & 0 & 0 & 1 \end{bmatrix} \qquad \qquad B \qquad \begin{bmatrix} 4 & 0 & 0 & & 1 & 0 & 0 \\ 0 & 1 & 0 & & 4.5 & 1 & 0 \\ 3 & 2 & 4 & & 0 & 0 & 1 \end{bmatrix}$
С	$\begin{bmatrix} 6 & 6 & 2 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 6 & 1 \end{bmatrix} \qquad \qquad D \qquad \begin{bmatrix} 6 & 6 & 2 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 4 & 1 \end{bmatrix}$	С	$\begin{bmatrix} 4 & 0 & 0 & & 1 & 0 & 0 \\ 0 & 1 & 0 & & -7.5 & 1 & 0 \\ 3 & 2 & 4 & & 0 & 0 & 1 \end{bmatrix} \qquad \qquad D \qquad \begin{bmatrix} 4 & 0 & 0 & & 1 & 0 & 0 \\ 0 & 1 & 0 & & -3 & 1 & 0 \\ 3 & 2 & 4 & & 0 & 0 & 1 \end{bmatrix}$
E	$\begin{bmatrix} 6 & 6 & 2 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & 12 & 1 \end{bmatrix} \qquad \qquad F \qquad \begin{bmatrix} 6 & 6 & 2 & & 1 & 0 & 0 \\ 0 & 2 & 0 & & 0 & 1 & 0 \\ 0 & 0 & 1 & & 0 & -2 & 1 \end{bmatrix}$	E	F
7	Swap rows 1 and 2 of the augmented matrix to solve those rows of the	8	Swap rows 2 and 3 of the augmented matrix to solve those rows of the
	Го 1 d ^{inverse} t ^{matrix} о Л		[1 7 8 1 0 0]
	$ \left[\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\left[\begin{array}{ccccccc} 0 & 0 & 1 & & 0 & 1 & 0 \\ 0 & 1 & 0 & & 0 & 0 & 1 \end{array}\right]$
Α		A	
A C		A C	