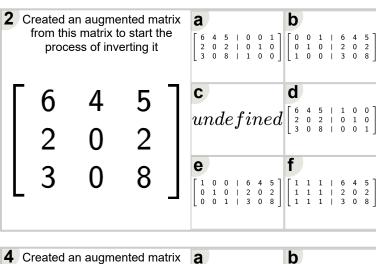
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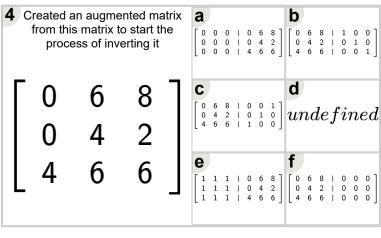
Math worksheet on 'Matrices - Create Augmented Matrix (3x3) (Level 1)'. Part of a broader unit on 'Matrices'

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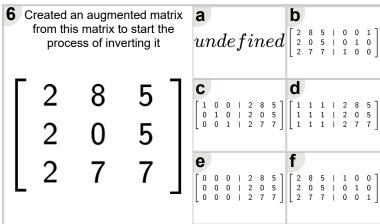
1	Created an augmented matrix from this matrix to start the process of inverting it				0 1 0	1 0 0	 	1 1 1 3 8 5	9 ⁷ 8 7 <u>-</u>		1 3 5	9 8 7	 	0 0 1	0 1 0	1 0 0
	1 1	1 3	9 8	C 0 0 0	0 0 0	0 0 0	 	1 1 1 3 8 5	9 ⁷ 8 7 <u> </u>		1 3 5	9 8 7		1 1 1	1 1 1	1 1 1
	8	5	7		1 3 5	9 8 7	 	0 0 0 0 0 0	0] 0 0]	$ \begin{array}{c c} \mathbf{f} \\ 1 \\ 8 \end{array} $	1 3 5	9 8 7	 	1 0 0	0 1 0	0 0 1



3	from this		ented matrix o start the erting it	a [0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0 0 0	 	8 6 3	2 3 3	8 6 0	$\mathbf{b}_{\left[\begin{smallmatrix} 0 \\ 0 \\ 1 \end{smallmatrix} \right]}$	0 1 0	1 0 0	1 1	8 6 3	2 3 3	8 6 0
	8 6	2	8 7	$\begin{bmatrix} 8 \\ 6 \\ 3 \end{bmatrix}$	2 3 3	8 6 0	 	1 0 0	0 1 0	0 0 1	d [8 6 3 3	2 3 3	8 6 0	1 1	0 0 0	0 0 0	0 0 0
	3	3	0]	e [8 6 3	2 3 3	8 6 0		1 1 1	1 1 1	1 1 1	f 8 6 3	2 3 3	8 6 0		0 0 1	0 1 0	1 0 0



5	from this		ented matrix o start the erting it	a [8 4 1	2 0 9	0 5 6	1 0 0	0 1 0	0 0 1	b [8 4 1	2 0 9	0 5 6	1 1	0 0 1	0 1 0	1 0 0
	8 4	2	0 5	C \[\begin{bmatrix} 8 & 4 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1	2 0 9	0 5 6	0 0 0	0 0 0	0 0 0	d [0 0 1 1	0 1 0	1 0 0		8 4 1	2 0 9	0 5 6
	_ 1	9	6		1 1 1	1 1 1	8 4 1	2 0 9	0 5 6	f ur	ic	de	f	ii	ne	ed



from this ma	7 Created an augmented matrix from this matrix to start the process of inverting it				0 0 1	0 1 0	1 0 0	$ \begin{bmatrix} 5 \\ 5 \\ 2 \end{bmatrix} $	5 4 2	1 4 8	 	1 1 1 1 1 1	1 1 1
5 5	5 1 4 4	C	5 4 2	1 4 8	1 0 0	0 1 0	0 0 1		0 1 0	1 0 0		5 5 5 4 2 2	1 4 8
2 2	2 8		0 1 0	0 0 1	5 5 2	5 4 2	1 4 8	f ur	ic	le	f	in	ed