n	matrix			rhs	action
2	2	13	1	17	
4	5	32	1	41	
-2	-3	-16	1	-21	

n	matrix			rhs	action
2	2	13	1	17	take this row
4	5	32	1	41	
-2	-3	-16	1	-21	

	matrix			sol	rhs	action
Ī	2	2	13	1	17	take this row
	\downarrow	\downarrow	\downarrow			
	4	5	32	1	41	minus ×2
	-2	-3	-16	1	-21	

n	matrix			rhs	action
2	2	13	1	17	take this row
0	1	6	1	7	
-2	-3	-16	1	-21	

n	matrix			rhs	action
2	2	13	1	17	take this row
$\downarrow \downarrow$	$\downarrow\downarrow$	$\downarrow \downarrow$			
0	1	6	1	7	
-2	-3	-16	1	-21	plus $ imes 1$

matrix			sol	rhs	action
2	2	13	1	17	take this row
0	1	6	1	7	
0	-1	-3	1	-4	

n	matrix			rhs	action
2	2	13	1	17	first column done
0	1	6	1	7	
0	-1	-3	1	-4	

n	matrix			rhs	action
2	2	13	1	17	
0	1	6	1	7	take this row
0	-1	-3	1	-4	

	matrix			sol	rhs	action
2	<u> </u>	2	13	1	17	minus ×2
1		\uparrow	\uparrow			
C)	1	6	1	7	take this row
C) -	1	-3	1	-4	

n	matrix			rhs	action
2	0	1	1	3	
0	1	6	1	7	take this row
0	-1	-3	1	-4	

n	natrix		sol	rhs	action
2	0	1	1	3	
0	1	6	1	7	take this row
1	\downarrow	\downarrow			
0	-1	-3	1	-4	plus $ imes 1$

m	matrix			rhs	action
2	0	1	1	3	
0	1	6	1	7	take this row
0	0	3	1	3	

action	rhs	sol		natrix	m
	3	1	1	0	2
second column dor	7	1	6	1	0
	3	1	3	0	0

matrix			sol	rhs	action
2	0	1	1	3	
0	1	6	1	7	
0	0	3	1	3	take this row

n	matrix			rhs	action
2	0	1	1	3	minus ×1/3
0	1	6	1	7	
1	$\uparrow \uparrow$	$\uparrow \uparrow$			
0	0	3	1	3	take this row

n	matrix			rhs	action
2	0	0	1	2	
0	1	6	1	7	
0	0	3	1	3	take this row

	matrix			sol	rhs	action
2	2	0	0	1	2	
)	1	6	1	7	minus ×2
1		\uparrow	\uparrow			
Ċ)	Ó	3	1	3	take this row

matrix		sol	rhs	action	
2	0	0	1	2	
0	1	0	1	1	
0	0	3	1	3	take this row

	m	matrix		sol	rhs	action
ĺ	2	0	0	1	2	
	0	1	0	1	1	
	0	0	3	1	3	third column done

	m	matrix		sol	rhs	action
	2	0	0	1	2	
	0	1	0	1	1	
İ						
	0	0	3	1	3	