		Fill 1010 CM 31 Harrises
		Date No.
	١.	AB = (2 3)(11) = (2 5 -1) = (a bc)
	2.	det(A)= 8-9=-1
		$det(A) = 8-9 = -1$ $A^{-1} = \frac{1}{-1} \begin{pmatrix} 4 & -3 \\ -3 & 2 \end{pmatrix} = \begin{pmatrix} 4 & 3 \\ 3 & -2 \end{pmatrix} = \begin{pmatrix} 6 & 5 \\ c & 6 \end{pmatrix}$
		fill district the file of the property
	3.	Not invarible \Rightarrow def(A) = k-14=0 c=14
	4.	12 (0) (1) (0) 11 (0) 12 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		$A^{3} = \begin{pmatrix} 0 & 1 & 1 & 1 & 0 & 1 & 2 & 3 & 1 \\ 0 & 0 & 1 & 1 & 0 & 0 & 1 & 3 & 1 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 & 1 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 & 1 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 & 1 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 & 1 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 & 1 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 & 1 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 & 1 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 & 1 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 & 1 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 \\ 0 & 0 & 1 & 2 & 1 & 2 & 1 & 2 & 3 \\ 0 & 0 & 1 & 2 & 1 & 2 & 2 & 3 \\ 0 & 0 & 1 & 2 & 1 & 2 & 3 & 3 \\ 0 & 0 & 1 & 2 & 1 & 2 \\ 0 & 0 & 1 & 2 & 1 & 2 \\ 0 & 0 & 1 & 2 & 1 & 2 \\ 0 & 0 & 1 & 2 & 1 & 2 \\ 0 & 0 & 1 & 2 & 1 & 2 \\ 0 & 0 & 1 & 2 & 1 & 2 \\ 0 & 0 & 1 & 2 & 1 & 2 \\ 0 & 0 & 1 & 2 & 1 & 2 \\ 0 & 0 & 1 & 2 & 1 & 2 \\ 0 & 0 & 1 & 2 & 1 & 2 \\ 0 & 0 & 1 & 2 & 1 & 2 $
-		(0001) (0001)
	5-	det 0 5 5 0 5 - 50 toto-0-0-0 = 50
		0 0 5 0
	_	det (00 13 1 000+0-6 0 13 00 = -6 (0+65+0-0-13-0) = -312
	6-	det 000 13 1 = 0-0+0-6 00 13 00 = -6 (0+65+0-0-13-0) = -312
	7:	(3 2) (7)= (4) is the Axtb matrix equation.
		for no solutions, def(A)= 3k-12=0 =) k=4
	Q	$ \frac{\binom{3}{2} \binom{3}{2} \binom$
	0.	(20-2) (4)= (2) is the Azto makix equation det(M)= 20-2/20 = 0-6 to=0-(6)-6
		(0 2 0 0 3
		$\frac{\det(A_1)}{\det(A_2)} = \frac{\begin{vmatrix} 0 & 3 & 0 & 0 & 3 \\ 2 & 0 & -2 & 2 & 0 \\ 1 & 1 & 1 & 1 & 1 \end{vmatrix}}{-6} = \frac{-12}{-6} = 2$
		$\frac{1}{\det(A)^2} = \frac{-6}{-6} = \frac{-6}{-6} = \frac{1}{-6}$
	9	46-646
	١٠	det(A)= 0 = -2 0 7 = 252+0+0=0=0=252
		Cij (A) = (63 0 0) = (63 0 0) = (63 -54 30) Adj(A)
		(30 -(-8) 28) (50 28)
		$A^{-1} = \frac{1}{\text{det}(A)} = \frac{1}{252} \begin{pmatrix} 63 & -54 & 30 \\ 0 & 36 & 8 \\ 0 & 0 & 28 \end{pmatrix}$
		H del(A) 252 (0 0 28)
	In	- As $A_1 = -\frac{1}{2}A_3$; now 3 is linear combination of now 1 = det (A) = 0 =) A - 1 does not
	,,,	
		exist.
		A'ZONE

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	243 342	242	 		
11.	(1 a b) (14) 3/	1+40+25 4+40+2	16 d		A
	(a 1 b/(22)	at 4+26 4a+4+2	72) (16 9)		
	1+4a+2b=1 4a+2b	=0 } 0=-4,6=8		the property	ند. بي
	at4+26 = 16 a+25		1:00	Marin Street	1
	c= 4+4a+2b = 4+46	-4) + 2(8) = 4		*	
	d = hat 4+26 = 4(-4)+		Prior Dell'	on MARTS (Figures, y	1.
12	A: 4x6 (a) A	7 (BTB) -1 A 6×4 .	4×4 · 4×6 =	GxG	2
		T (BA)(BA)= 4x7			
	A1: 6×4		1 2 7 7 7 4 2	17	1
	gt: 4x7		1	1: 1: 1:	
		21			
13.	B+ J= 876	\ \(\sigma_0 \) \(\sigma_0 \)		1 = - 1	
	B + シェ 584) (0-6) → ½ 3	2876-584		-5
	J= 2(876-584)= 5	584			
	B= 876 - J: 292		7.4.1		
	*				
14.	× 1	2+ y +	0z = 36 7		
1		Part -		22 27 Cinner wall, R	on GC
	Ronald Kim	2 Ox + 24 1		the medicine are	
				101 101/3 6 6	
_					
15.	As A .: = = Az:	row 3 is linear (iombination of		
15.	As A1j = \(\frac{1}{2} A_{3j} \).	row 3 is linear (iombination of		
15.	As A1j = \(\frac{1}{2} A_{3j} \).	row 3 is linear (iombination of	m) => det (A) =0	
15.	As A1j = \(\frac{1}{2} A_{3j} \),	row 3 is linear (mul => def. (A) =0	
 5.	As A1j = \(\frac{1}{2} A_{3j} \),	row 3 is linear (mul => def. (A) =0	
15.	As A1j = \(\frac{1}{2} A_3 \) ,	row 3 is linear (mul => def. (A) =0	
Is.	J	row 3 is linear (mul => def. (A) =0	
15.	J			mul => def. (A) =0	
15.	J			mul => def. (A) =0	
\rightarrow \(\frac{1}{2} \rightarrow \)	J			mul => def. (A) =0	
\[\(\sigma_{\text{.}} \)	J			m) => def. (A) =0	
\[\]	J			m) = det. (A) = 0	