V 400	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	19172	9. 17. 19		-17 / 1-	the great Part	
A =	An	A 12		'B =	1311	BI	2
A. E	A 21	A22	1		B 21	13 :	12
	3	1.	.)	1 3	4	- 4	
		. < =	C 13	C12			
			(2)	(22	1	* 1 -	. 2
		•	- , P		7	<u></u> (2	D>
Form	ila:	1	517		A1	4 5	12
		<i></i>			3	21	22
P =	(A)	- A22) (BII+B	22	3	-	>
				-		BA	AB
Q =	1311	A21.+	A22)	(; 5 1	+ 100	Bil An	A 22 82
· · ·		(3	• •) }	(3	-N 1 .		
R =	- An	(B12-	B22)	art.	3		
					48	- Pr Mari	
2 = 2	A22	(B21	-B11)				
			50A 11	roA)	718 T) = 2	>
<u> </u>	= B22	(1911	+ A12)	7.)	3	-	
		·	1)	3	30	
U	z (15	11 + B	(2)	A21 -	(mA	=	
· ·		,		,			
√	= (8	521 + B	22) (M12)-1	1221)	= 8	
			3 -	1)	l	me.	
C 11	= P	+ S -	ナ ナ く	1 -)	ì	~	
			<u> </u>		1	C.	
Ciz	= R	+ T		RA	T		
			112	15	Hz.	= 2	

	Q. Multiply the matrix using strasson's r	natrix
	multiplication '	
	A=[+: 3 B= 6	7
	7 5] 3	8
	5010:	
<	A11 = 1 B11 = 6	
2	$B_{12} = 3$ $B_{12} = 7$	· · · · · ·
00	$A_{21} = 7$ $B_{21} = 3$	
f.	A22 = 5 (co827182) & cA + 114)	= 9
10	L. A. Thomas	
78	P= (A11 + A21) (B) (E)	= }
	= (1+5)(6+8)	<i>(a)</i>
	An (Ba-841) # =	= 8
	= 84	
	F22 (82) -811)	=======================================
	Q = B11 (A27+ A22)	
	= 6 (7 (+ 5) 119) 253	= 1
	= 6 (12)	
	= (712A - 15A) (SI + (19)	= 0
	R = (Any - (B) - (B)	= 1
	= 1 (7 -8)	
	= 1 (-1) + 7 - 3 + 9	- 11.
	= -1	- 11
place flui yezh	TAS T+ 9	<u>-4</u>
		5)
	F	
	= 5 (3 -6)	15.
		· · · · · · · · · · · · · · · · · · ·
6-12 (ass	= -15 V+0-9+9	

$$T = B_{22} (A 11 + A_{12})$$

$$= 8 (1 + 3)$$

$$= 8 (4)$$

$$= 32$$

$$U = (B11 + B12) (A21 - A11)$$

$$= (6 + 7) (7 - 1)$$

$$= 13 + 6$$

$$= 78$$

$$C_{11} = P + S - T + V$$

$$= 84 + (-15) - 32 + (-22)$$

$$= 15$$

$$C_{12} = R + T$$

$$= -1 + 32$$

$$= 31$$

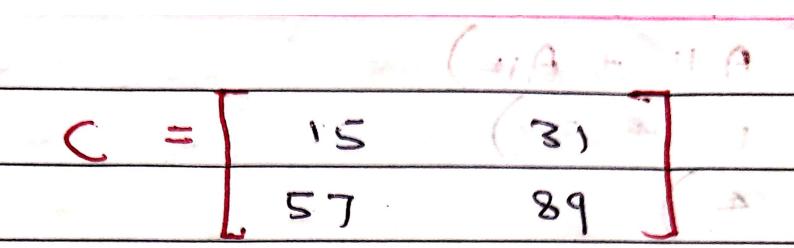
$$C_{21} = Q + S$$

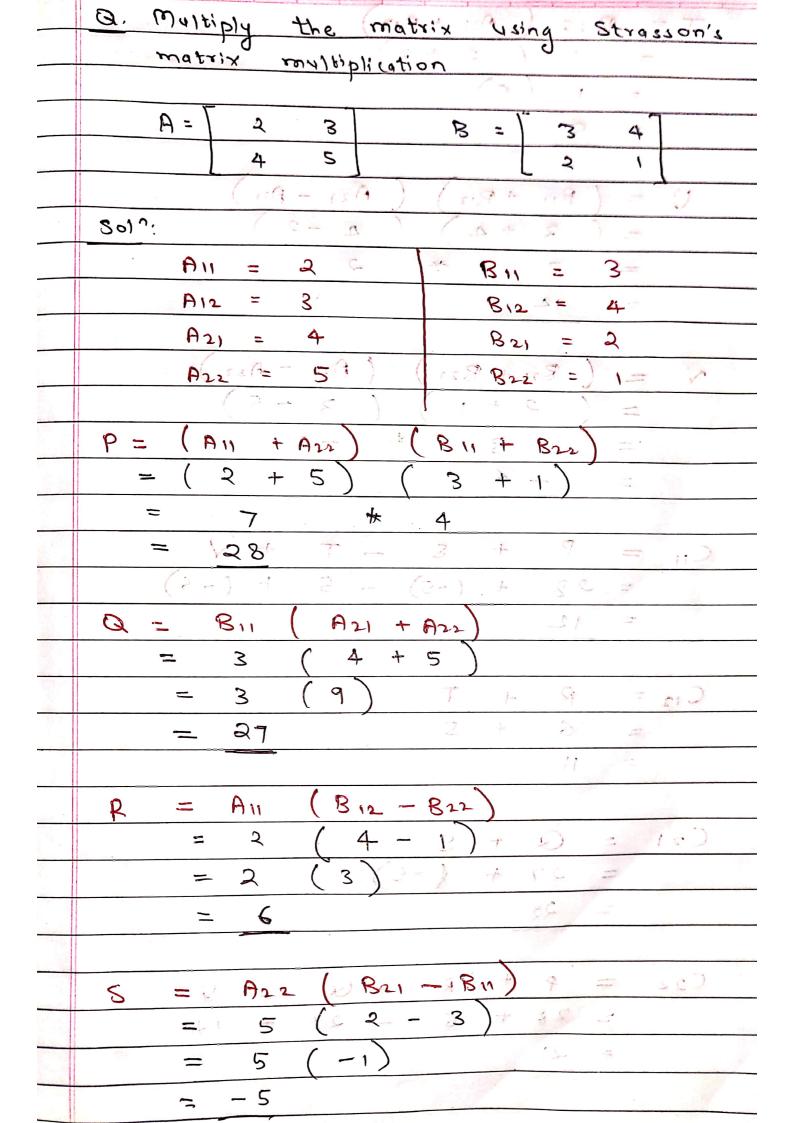
= $72 + (-15)$
= 57

$$C_{22} = P + R - Q + V$$

$$= 84 + (-1) - 72 + 78$$

$$= 89$$





```
10 110 00
T = B22 ( A11 + A12)
                २
                   + 3
         ١
            (5)
        5 '
                        A21 - A11
         BII
 V
             + B12
                         4 - 2
          3
              + 4
             118
                   *
                         2
          14 - 8
                            13
                                     4
          B21 + B22
                          A12 - A22)
           2
               + 1
                           3
                              - 5
     =
          * B 11 8 ) *
                           -,2
              6
          ( ÷
     \equiv
                        -
                   12
C11
          9
                   S
               +
                           T
                                45 W
                  (-5)
        28
     =
               7
                            5
                                +
         12
                   45A + 15A
C12
          R
                   T
              +
          6
               +
                   Z
     =
          11
C21
       + 1
           27
       =
                +
            23
       =
 C22
            P
               (+112R-1-10)
                                     V =
                                549
           28
       ~
               +
                   6
                            27
                                 4
                                     14
           21
        =
```