CS3101N - Discrete Structures Algebra of Matrices

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		A					В		
	1	-1	2			4	0	-3	
	0	3	4			-1	-2	3	
									•
	С					С			
2	2 -3 0 1				2				
5 -1 -4 2				-1					
-1	0		0	3			3		
		•						•	

2.41.

a.) 3A - 4B

Cannot be multiplied

b.) AC

-5	-2	4	5
11	-3	-12	18

c.) BC

11	-12	0	-5
-15	5	8	4

d.) AD

9	
9	

e.) BD

-1
9

f.) CD

Cannot be multiplied

2.42.

a.) A'

1	0
-1	3
2	4

b.) A'B

4	0	-3
-7	-6	12
4	-8	6

c.) A'C

Cannot be multiplied

2.49

A				В			С			
2	-5	8	1	3	-4		4	3	-6	
3	-6	-7	6	1	7		2	-5	0	
4	0	-1	2	-5	-1					
-	•			•	-					

c .) Not a square matrix