

OUTPUT

Matrix Operations Tool

Matrix A (e.g. 1 2; 3 4): 1 3
8 4 Random

Matrix B (e.g. 1 2; 3 4): 3 4
5 6 Random

Add Subtract Multiply Transpose Determinant

Output

4	7
13	10

Steps: Adding matrices elementwise.

Matrix Operations Tool

Matrix A (e.g. 1 2; 3 4): 9 5
7 3 Random

Matrix B (e.g. 1 2; 3 4): 2 2
1 0 Random

Add Subtract Multiply Transpose Determinant

Output

7	3
6	3

Steps: Subtracting matrices elementwise.

Matrix Operations Tool

Matrix A (e.g. 1 2; 3 4):

[Random](#)

1	6
8	2

1	6
8	2

Matrix B (e.g. 1 2; 3 4):

[Random](#)

1	4
7	6

1	4
7	6

Add

Subtract

Multiply

Transpose

Determinant

Output

43	40
22	44

Steps: Multiplying matrices (dot product).

Matrix A (e.g. 1 2; 3 4):

[Random](#)

8	1
5	3

8	1
5	3

Matrix B (e.g. 1 2; 3 4):

[Random](#)

1	6
7	1

1	6
7	1

Add

Subtract

Multiply

Transpose

Determinant

Output

Matrix A Result:

8	5
1	3

Matrix B Result:

1	7
6	1

Steps: Transposed Matrix A. Transposed Matrix B.

Matrix Operations Tool

Matrix A (e.g. 1 2; 3 4):

7	4
7	2

[Random](#)

Matrix B (e.g. 1 2; 3 4):

4	4
7	3

[Random](#)

Add

Subtract

Multiply

Transpose

Determinant

Output

Matrix A Result:

-14

Matrix B Result:

-16

Steps: Calculated determinant of Matrix A. Calculated determinant of Matrix B.