

OUTPUT

Matrix Operations Tool

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

Random

1 3

8 4

13

8

4

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

Random

3 4

5 6

34

5

6

Add

Subtract

Multiply

Transpose

Determinant

Output

47

1310

Steps: Adding matrices elementwise.

Matrix Operations Tool

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

Random

9 5

7 3

95

7

3

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

Random

2 2

1 0

22

1

0

Add

Subtract

Multiply

Transpose

Determinant

Output

73

63

Steps: Subtracting matrices elementwise.

Matrix Operations Tool

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

Random

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

Random

1 6

8 2

1 6

8 2

Add

Subtract

Multiply

Transpose

Determinant

Output

43 40

22 44

Steps: Multiplying matrices (dot product).

Matrix Operations Tool

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

Random

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

Random

8 1

5 3

8 1

5 3

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):

Random

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

Random

7	4
7	2

7	4
7	2

4	4
7	3

4	4
7	3

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.