



Drag and drop the correct answer

1. The solution of $(2x-1)^2=9$ is equal to _____.
2. Graph of a linear polynomial is _____.
3. The number of points of intersection of the quadratic polynomial $x^2 + 4x + 4$ with the X axis is _____.
4. If A is a 2×3 matrix and B is a 3×4 matrix, how many columns does AB have _____.
5. If number of columns and rows are not equal in a matrix then it is said to be a _____ matrix.
6. Transpose of a column matrix is _____ matrix.
7. Find the matrix X if $2X + \begin{pmatrix} 1 & 3 \\ 5 & 7 \end{pmatrix} = \begin{pmatrix} 5 & 7 \\ 9 & 5 \end{pmatrix}$ is _____.
8. If $B = \begin{pmatrix} 1 & 3 \\ 8 & 6 \end{pmatrix}$ then B^T is _____.
9. Find the order of matrix AB if order of $A=4 \times 3$ and $B=3 \times 2$ is _____.
10. A _____ is a rectangular array of elements. The _____ arrangements are called rows and _____ arrangements are called columns.

row

4×2

vertical

-1,2

horizontal

1

$\begin{pmatrix} 1 & 8 \\ 3 & 6 \end{pmatrix}$

straight line

rectangular

$\begin{pmatrix} 2 & 2 \\ 2 & -1 \end{pmatrix}$

4

matrix