Cluny Matric. Hr. Sec. School, Salem.

Class: 10 Maths Worksheet: 4

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 x 3 matrix and B is a 3x4 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=4X3 and B=3x2 is _____.

10. A_____ is a rectangular array of elements. The _____ arrangements are called rows and _____arrangements are called columns.

row	4x2	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