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**