Cluny Matric. Hr. Sec. School, Salem

Class:10 MATHS Term-II WORKSHEET - 1

CHOOSE THE CORRECT ANSWER:

1. The solution of $(2x-1)^2=9$ is equal to _____

   a. 1 , 2

   b. -1 , 2

   c. 1 , -2

2. Graph of a linear polynomial is _____

   a.straight line

   b.horizontal line

   c.parallel lines

3.The number of points of intersection of the quadratic polynomial $x^2 +4x + 4$ with the X axis is _____

   a.2

   b.3

   c.1

4. If A is a 2 x 3 matrix and B is a 3x4 matrix, how many columns does AB have _____

   a.3

   b.1

   c.4

5. If number of columns and rows are not equal in a matrix then it is said to be a _____

   a.Row Matrix

   b.Rectangular Matrix

   c.Column Matrix

6. Transpose of a column matrix is _____ matrix

   a.Column Matrix

   b.Row Matrix

   c.Rectangular 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 _____

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

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

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

8.If $B=\begin{pmatrix}1 & 3\\8 & 6\end{pmatrix}$ then B^T is _____

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

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

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

9.Find the order of matrix AB if order of A=4X3 and B=3x2 is _____

a. 3x3

b. 2x4

c. 4x2

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

a.matrix, square , vertical

b.matrix, horizontal, vertical

c.square, matrix , horizontal