DELHI PUBLIC SCHOOL, JAMMU

ASSIGNMENT (Nov 2017-18)

Sub: Maths

CLASS-IX

1. The line segment joining the mid points of sides of a triangle is parallel to third side and equal to of half of it.
2. ABCD is a rectangle and P,Q,R,S are the mid points of sides AB, BC, CD and DA respectively. Show that the quadrilateral PQRS is a rhombus.
3. IF the diagonals of a parallelogram are equal, then show that it is a rectangle.
4. Show that the line segments joining the mid points of opposite Sides of a quadrilateral bisect each other.
5. Show that the diagonals of square are equal and bisect each other at right angles.