- Midpoint
- Equations of Medians, Altitudes and Perpendicular (Right) Bisectors
- Distance (Length of a Line Segment)
- Problems Applications Shortest Distance
- · Equation of a Circle
- Properties of Triangles
- Centroid (Medians) balance point
- Circumcenter (Perpendicular Bisectors) Same distance from each vertex
- Orthocenter (Altitudes)
- Verify properties of triangles (ALGEBRAICALLY)
- Classify triangles (ALGEBRAICALLY)
- Verify properties of quadrilaterals diagonals, midsegments, trapezoid (ALGEBRAICALLY)
- Classify quadrilaterals (ALGEBRAICALLY)



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