

Common Nomenclature

- **Sides:** a, b, c
- **Angles:** α, β, γ
- **Vertices:** A, B, C
- **Altitudes:** h_a, h_b, h_c
- **Feet of the altitudes:** H_a, H_b, H_c
- **Orthocenter:** H
- **Medians:** m_a, m_b, m_c
- **Midpoints of the Sides:** M_a, M_b, M_c
- **Centroid:** G
- **Angle bisectors:** t_a, t_b, t_c
- **Feet of angle bisectors:** T_a, T_b, T_c
- **Incenter:** I
- **Inradius:** r
- **Perpendicular bisectors:** p_a, p_b, p_c
- **Circumcenter:** O
- **Circumradius:** R

