- For an equilateral triangle, the incentre, circumcentre, orthocentre, and centroid coincide. Also, the median, angle bisector, perpendicular bisector, and the altitudes are the same.

- For an isosceles triangle, the angle bisector of the angle between the equal sides is the same as the corresponding median, perpendicular bisector, and the altitudes. Thus, you can conclude that the incentre, circumcentre, orthocentre, and centroid of an isosceles triangle lie on the same line.

- The formulae for the angles and sides of the pedal triangle are symmetric so you can easily learn anyone side/angle and get others from it.