

VII- Mathematics Assignment No-06- Δ and its Properties.

Fill the Gap

- Q1. The six elements of a Δ are _____ and _____
- Q2. The line segment joining a vertex to the mid point of opposite side is called a _____
- Q3. The point of intersection of three altitudes is _____
- Q4. The perpendicular drawn from the vertex to the opposite side is called _____
- Q5. The point of intersection of three medians is called _____
- Q6. The number of altitudes of a triangle is _____
- Q7. The sum of all angles of a Δ is _____

- Q8. In a Δ , if the length of any two sides are equal then the triangle is _____
- Q9. Each angle of an equilateral Δ is _____
- Q10. In a Δ , the exterior angle is equal to sum of _____
- Q11. In a Δ , the sum of any two sides is _____ than the third side.
- Q12. The difference between the lengths of any two sides is smaller than the _____ of the third side

ANSWERS:-

(Q1) Three angles and three sides.	(Q5) Centroid	(Q9) 60°
(Q2) Median	(Q6) Three	(Q10) Two interior remote angles.
(Q3) Orthocentre	(Q7) 180°	(Q11) Greater
(Q4) Altitude	(Q8) Isosceles	(Q12) Length.