



On the other hands it can be say so. Two triangles are congruence if their corresponding sides and angles are equal.

### **CRITERIA FOR CONGRUENCE OF TRIANGLES:**

1. **SSS Conguence criterion** : (Side Side Side) In two triangles the three sides of one triangles is equal to the corresponding sides of another triangle. Then the two triangles are congruent.

2. **SAS Conguence criterion**: ( Side Angle Side ) In two triangles the two sides and the angle included between them of a triangle are equal to two corresponding sides and the angle included between them of another triangle, then the triangle are congruent.

3. **ASA Conguence criterion** : ( Angle Side Angle) In two triangles , two angles and the included side of a triangle are to two corresponding angles and the included side of another triangle, then the triangles are congruent.

4. **RHS Conguence criterion** : (Right Hypotenuse Side) In two triangles , the hypotenuse and one side of a right-angled triangle are respectively equal to the hypotenuse and one side of another right-angled triangle, then the two triangles are said to be congrue

