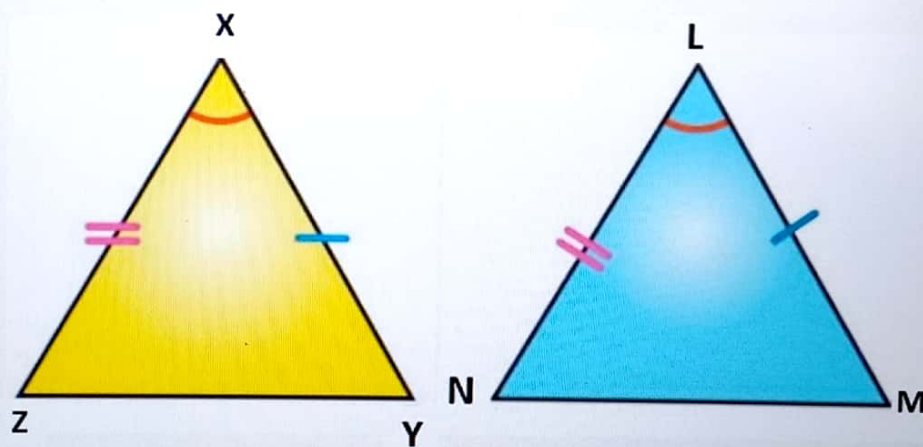# Side-Angle-Side(SAS)

-Ayush Das

If any two sides and angle included between the sides of one triangle are equivalent to the corresponding two sides and the angle between the sides of the second triangle, then the two triangles are said to be congruent by SAS rule.
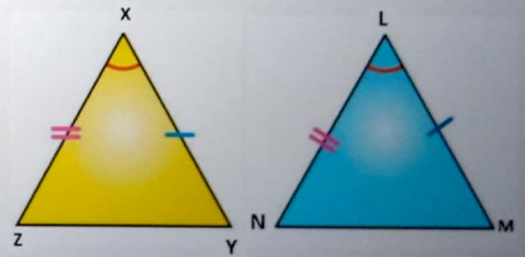
In ▲ XYZ and ▲LMN

XY=LM

∠X = ∠L

YZ=MN

▲XYZ≅▲ LMN

(SAS RULE)

Thus, if under a given correspondence 2 sides and the angle included between them of a triangle are equal 2 corresponding sides and the angle between them of another triangle then the 2 triangles are congruent that means 2 triangles overlap each other completely.

Thank you