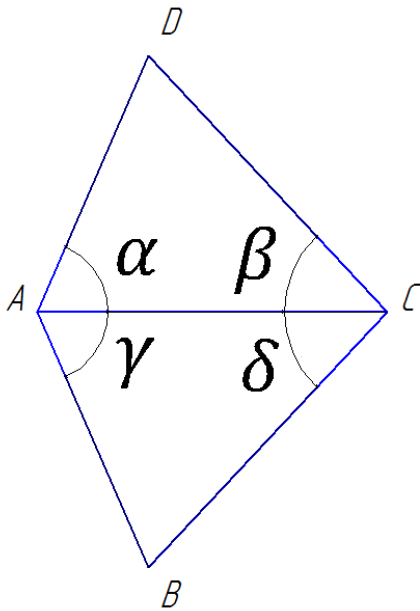


**Task:**

What do you need to prove triangle ABC is congruent to triangle ADC by Side-Angle-Side postulate?

**Solution:**

**SAS** (Side-Angle-Side): If two pairs of sides of two triangles are equal in length, and the included angles are equal in measurement, then the triangles are congruent.



In this case you can prove congruence using **SAS** in several ways:

1.  $AD = AB, \alpha = \gamma$
2.  $CD = CB, \beta = \delta$
3.  $AD = CB, \alpha = \delta$
4.  $CD = AB, \beta = \gamma$

**Answer:**

1.  $AD = AB, \alpha = \gamma$
2.  $CD = CB, \beta = \delta$
3.  $AD = CB, \alpha = \delta$
4.  $CD = AB, \beta = \gamma$