

The congruence can be reported in any way that preserves this correspondence between the vertices. For example, here are two other correct ways that the congruence could be reported: $\Delta BAC \cong \Delta EDC$ or $\Delta CBA \cong \Delta FED$.

However, $\triangle BAC \cong \triangle DEF$ is *not* a correct way to report the congruence indicated above.

For more information check http://www.onemathematicalcat.org/Math/Geometry_obj/triangle_congruence.htm

METHODS TO FIND OUT CONGRUENCY SSSH 1. SSS (side, side, side) SASSY ÅAS ₩∟⋎ ASAP For example: S 4 ى SSS stands for "side, side, side" and means that we have 4 is 5 two triangles with all three congruent а sides equal. to: 7 ى С

2. SAS (side, angle, side)



3. AAS (angle, angle, side)



4. HL (hypotenuse, leg)



5. ASA (angle, side, angle)





PRACTICE →<u>http://bit.ly/trianglescongruent2</u> <u>http://bit.ly/trianglescongruent</u>