

Notes for Geometry (basic)

triangle proofs

If two triangles are congruent to each other then both triangles have to be congruent b/c of cpctc

This means that no matter what rigid body motion you do to it, the triangle will always stay the same

When triangles have to be proven all angles and sides have to be congruent in order for your statement to be true

You don't have to say that every side and angle is congruent but you have to eventually prove that that the statements and reasons would show that the triangle is congruent to each other

Methods to prove triangles

Side-side-side

Side-angle-side