

Clearly sides in a triangle that are longest are across from the largest angles, and sides that are shortest are across from the smallest angles.

Theorem 5-10

If one side of a triangle is longer than another side, then the angle opposite the longer side is larger than the angle opposite the shorter side.



## <u> Theorem 5-11</u>

If one angle of a triangle is larger than another angle, then the side opposite the larger angle is longer than the side opposite the smaller angle.











