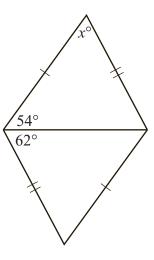
Two triangles and some of their measurements are shown in the diagram below.



The two triangles are congruent. Based on the diagram, what is the value of x?