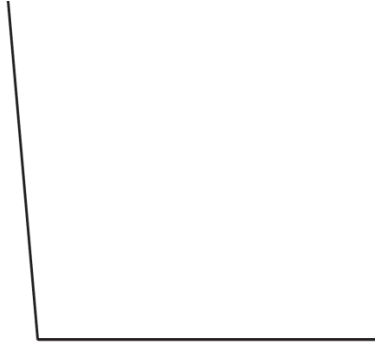


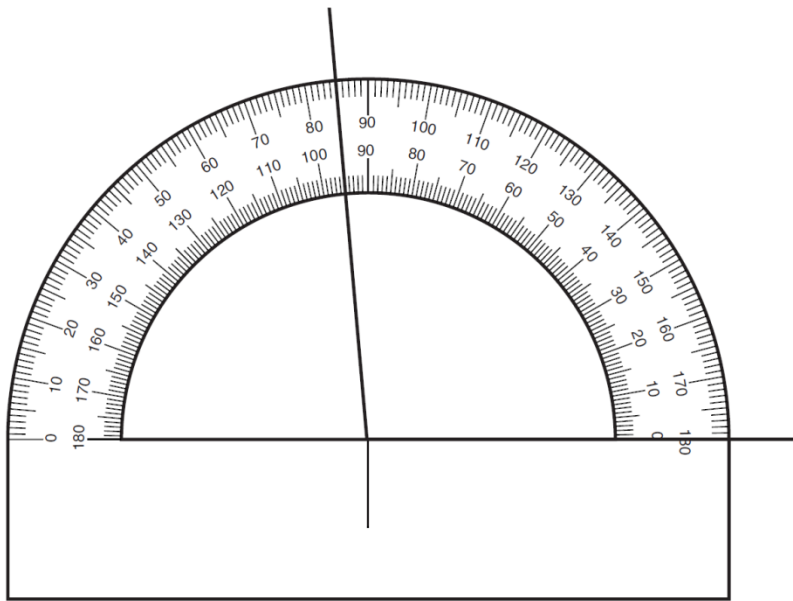
Replicating Angles with a Protractor and Ruler

1. Replicate the following angles using a protractor and a ruler.

a.



Step 1: Measure the given angle with a protractor.

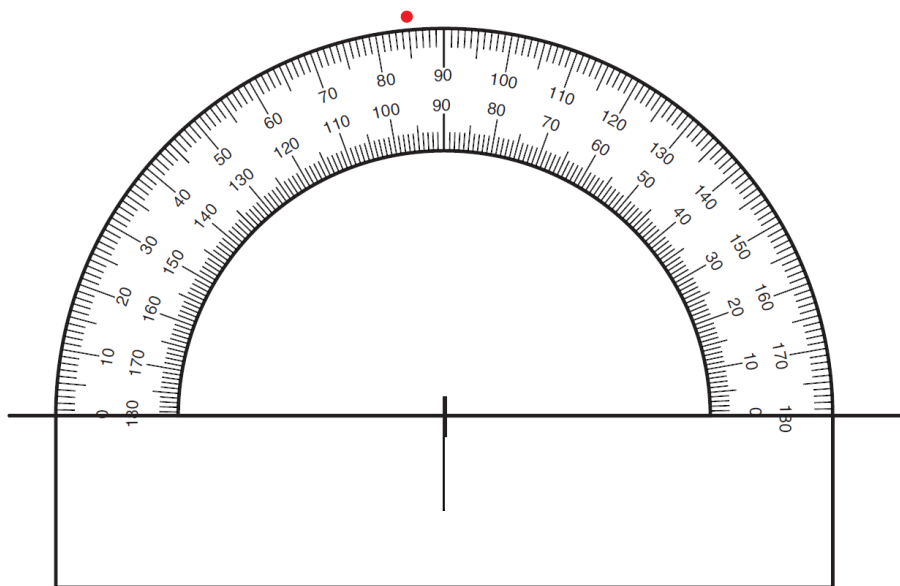


The original angle is 95° .

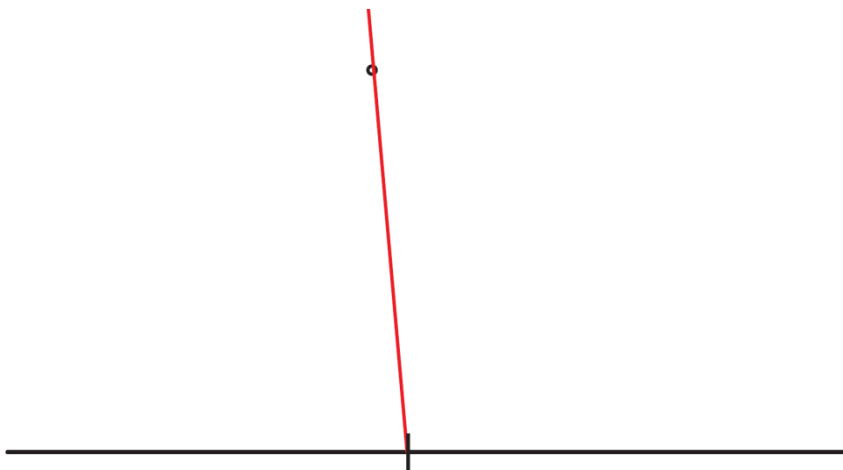
Step 2: Draw a horizontal line with a ruler. Mark the vertex.



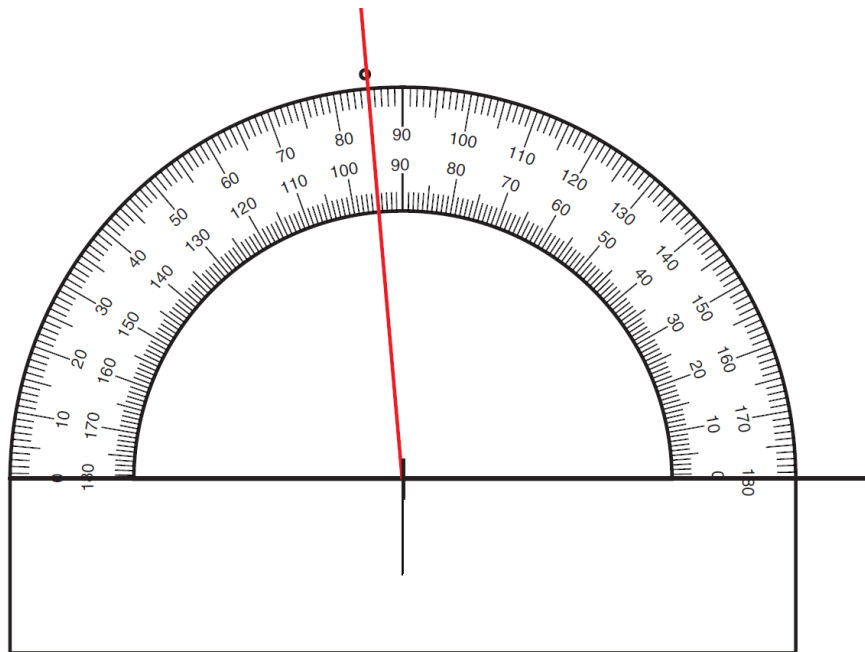
Step 3: Lay the protractor on the line so that the origin lines up with the vertex mark. Measure the number of degrees for the angle replica, and mark the angle point.



Step 4: Connect the vertex to the angle point with a ruler.

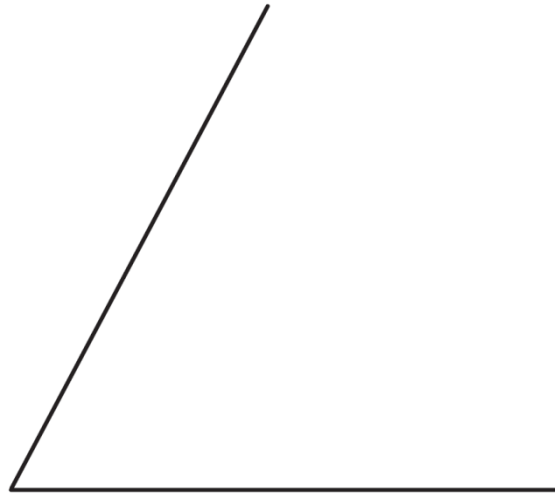


Step 5: Check the replicated angle by measuring with a protractor.

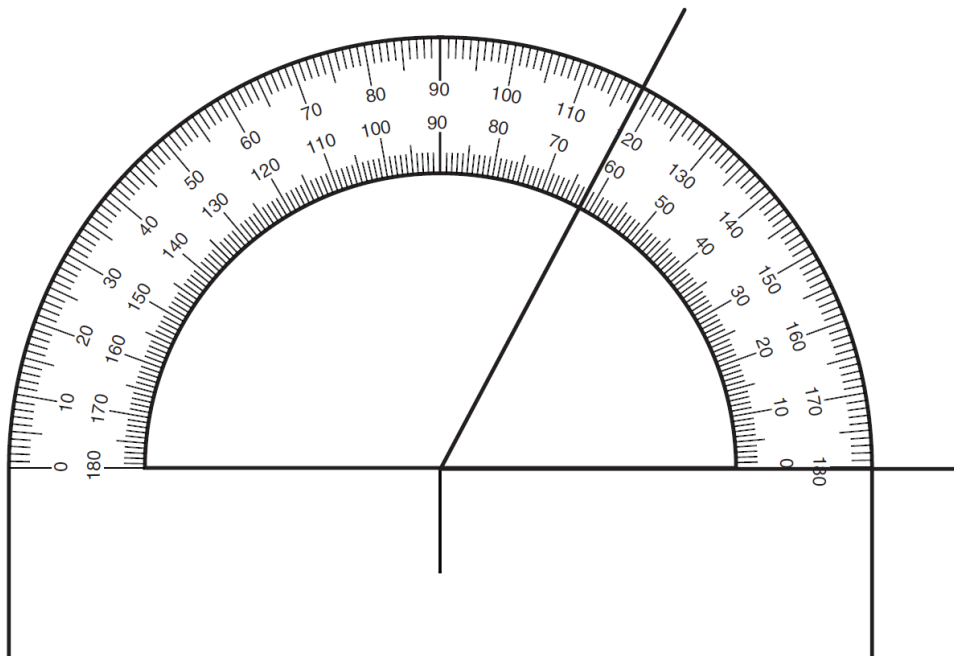


The replicated angle measures 95° , which matches the original angle.

b.



Repeat steps 1 to 5 from above.



The replicated angle measures 62° , which matches the original angle.