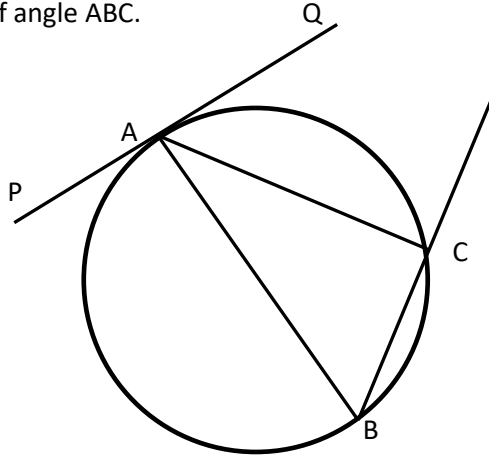


1. In the diagram below, AB is a diameter. PQ is a tangent at A. Angle CAQ is 74° .

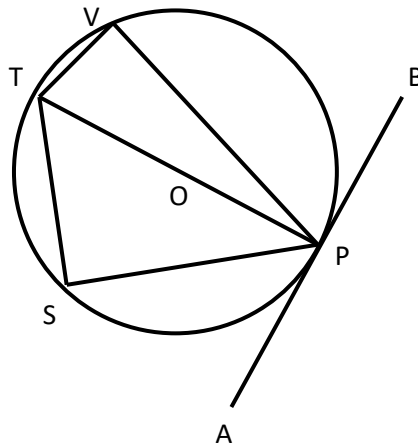
Calculate the size of angle ABC.



2. The tangent AB touches the circle, centre O at P.

Angle SPA is 48° . Angle TPV is 25° .

Calculate the size of angle STV.



3. AB and AC are 2 radii of the circle with centre A. Diameter PQ is parallel to chord BC.

If angle CAB = 100° , show clearly that the size of angle AQC = 70°

