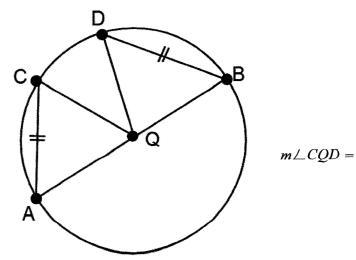
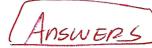
## Bellwork Geo Tuesday, May 12, 2020

1. A park ranger at the top of a 80 foot tall lookout tower sees a wildfire in the distance with an angle of depression of 5°. How far away from the lookout tower is the wildfire? Round to the nearest hundredth.

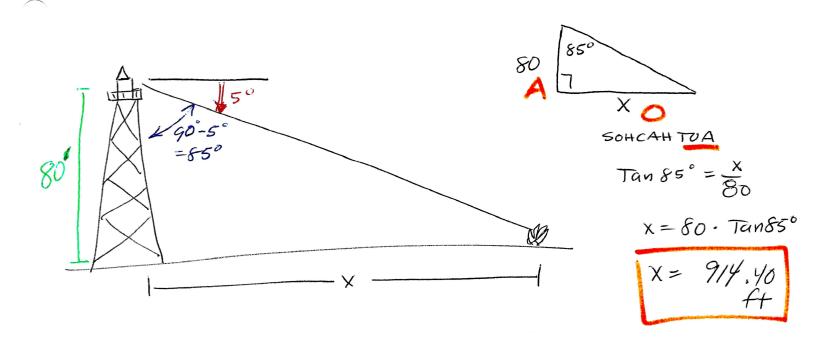
2.  $\overline{AB}$  is a diameter and  $\overline{AC} \cong \overline{BD}$  in  $\odot Q$ . If  $\widehat{mAC} = 70^{\circ}$  find the measure of  $\angle CQD$ .



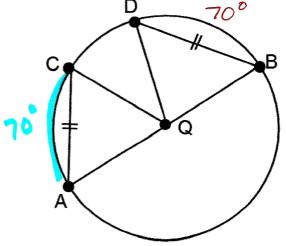
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$$m \angle CQD =$$

· Since FB is a diameter ACB 15 gemicircle

« since chords AC & BD are ≥ arcs AC & DB

are also = , mDB = 70°