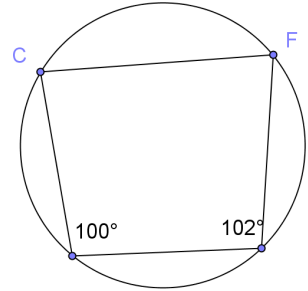


Name: _____

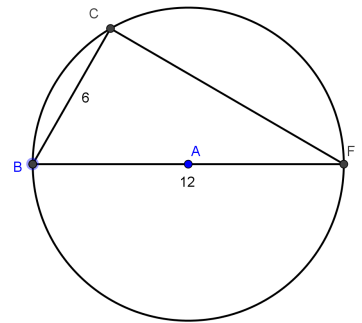
Period: _____

4. Determine the measure of $\angle C$ and $\angle F$.



5. A cone has a slant height of 13 units and a base with a radius of 5 units. Draw a diagram and then determine the volume of the cone.

6. Circle A possesses a diameter $BF = 12$ and a chord $BC = 6$. Determine the area of $\triangle CBF$.



7. $ABDC$ is a parallelogram. Determine the value of x given that $\angle ACB = x^2$, $\angle DBA = 13x^\circ$, and $\angle DCB = 42^\circ$

