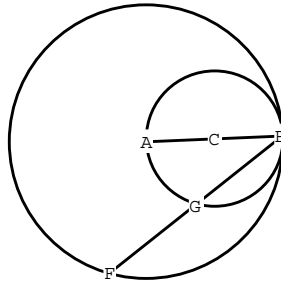


WINGEOM CIRCLES LAB #3

Names _____

Objective: Create circle A and circle C internally tangent at B. The radius of circle C is $\frac{1}{2} AB$.

A,C,B are collinear. BE is any chord in circle A that passes through B.



1. **Btms/Circles:** Create circle A. (Point B can be dragged to desired position.) **Btms/seg:** Draw radius AB.
2. **Point/Midpoints:** segs AB mark at .5 **Circle/Radius-center:** center C, radius CB.
3. **Btms/seg:** Right click to place a random point (F) on circle A. Draw chord BF. Right click to label the intersection of chord BF and circle C. Hint: Draw AF and CG.

DRAWINGS AND DATA

CONJECTURES

PROOF