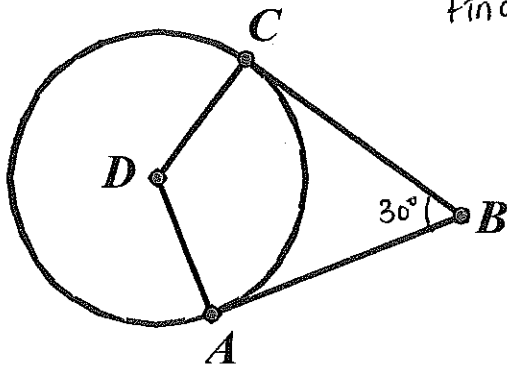


Name:

Tangent Line Worksheet

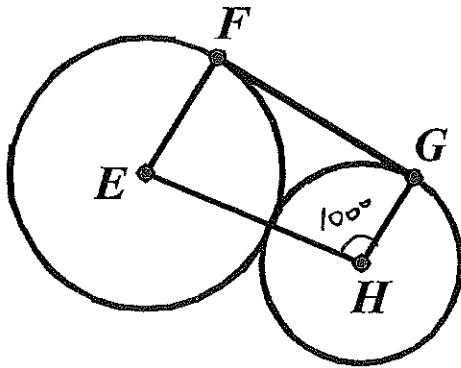
1. BC and AB are the tangent lines of circle D

Find:  $\angle D$



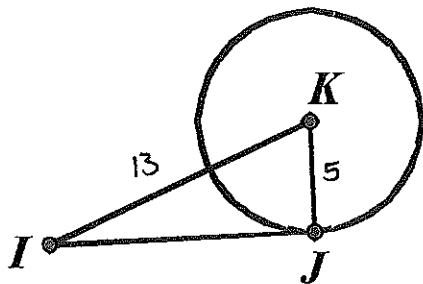
2. GF is tangent to both circle E and circle H

Find:  $\angle E$



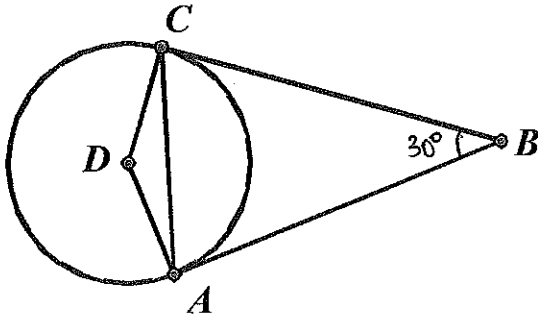
3. IJ is tangent to circle KJ

Find:  $\angle IJ$

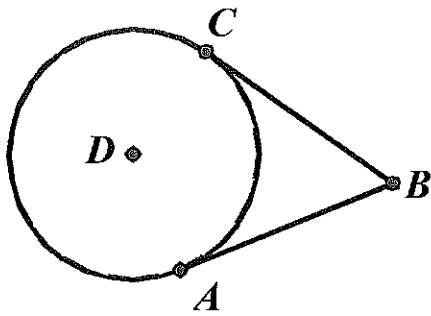


4. AB and BC are tangent to circle D

Find:  $\angle DCA$



5. Prove  $|BC| = |AB|$  if AB and BC are tangent to circle D.



6. Prove XY is the tangent line of circle Z if  ~~$\angle XZ$  is perpendicular to  $\angle XY$ .~~

