## Circle Dilemma Bonus Problem

Fill in the missing angles for circle $P$ given the following: chord $A B \cong$ chord $C D$; chord $G B \|$ chord $C D$; segments $G B$ and $A F$ are diameters; <KEA $=90^{\circ} ; I, H$, and $A$ are all points of tangency; arc $B D \cong \operatorname{arc}$ DF; $m$ of $\operatorname{arc} C H=22^{\circ} ; m$ of $\operatorname{arc} B D=35^{\circ} ; m$ of $\operatorname{arc} A B=110^{\circ} ; m$ of $\operatorname{arc} I J=$ $15^{\circ} ;<6=10^{\circ}$
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