DO NOW

In the accompanying diagram of circle O, diameter \overline{AOB} is extended through B to external point P, tangent \overline{PC} is drawn to point C on the circle, and

$$\widehat{\text{mAC}}:\widehat{\text{mBC}}=7:2.$$
 Find $\widehat{\text{m}}\angle CPA$. $7x+2x=180$

