

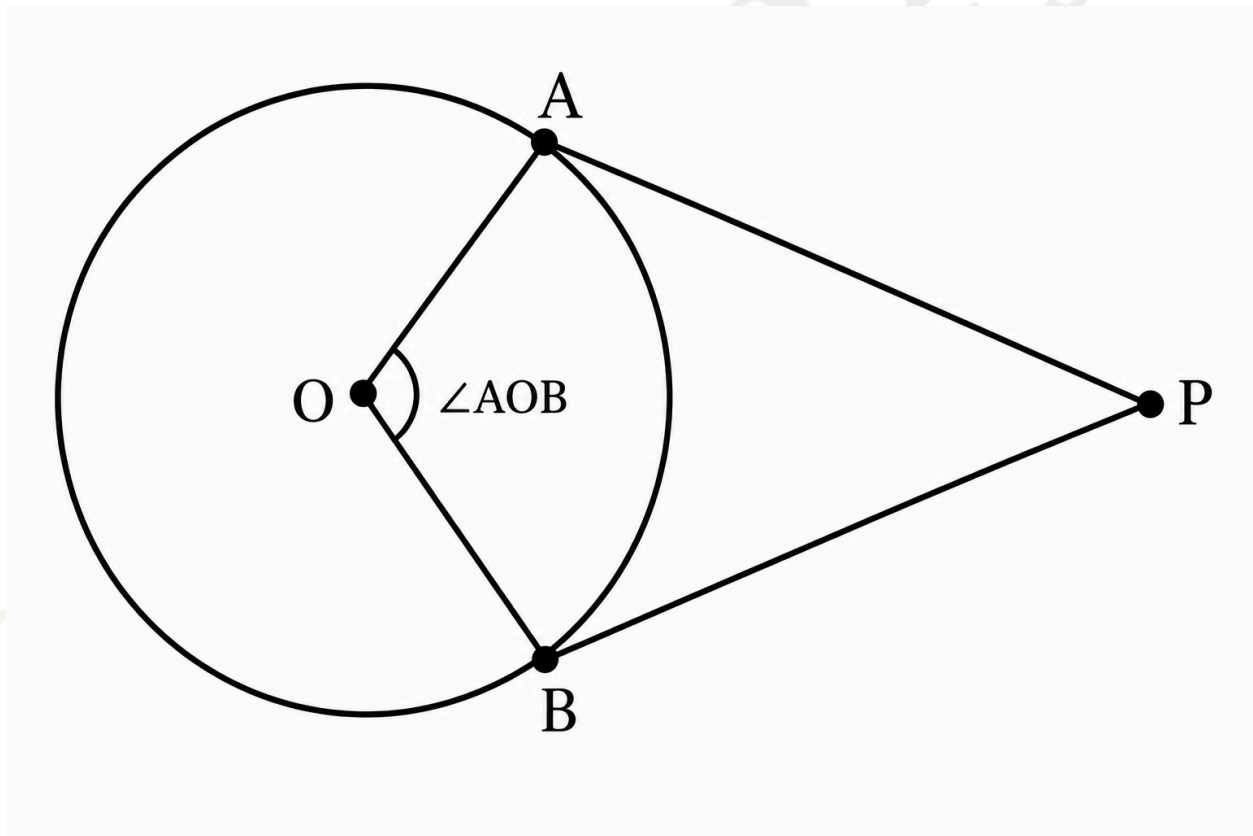
Class 10 Mathematics - Circles

Name: _____

Date: _____

Advanced Worksheet 2

Questions



1. If $\angle AOB = 110^\circ$, find $\angle APB$.
2. If $\angle AOB = 140^\circ$, find $\angle APB$.
3. If $\angle APB = 70^\circ$, find $\angle AOB$.
4. If $\angle APB = 95^\circ$, find $\angle AOB$.

5. State the relation between $\angle APB$ and $\angle AOB$.
6. If $\angle AOB = x^\circ$, express $\angle APB$ in terms of x .

Answer Key

1. 70°
2. 40°
3. 110°
4. 85°
5. $\angle APB + \angle AOB = 180^\circ$
6. $\angle APB = (180 - x)^\circ$