

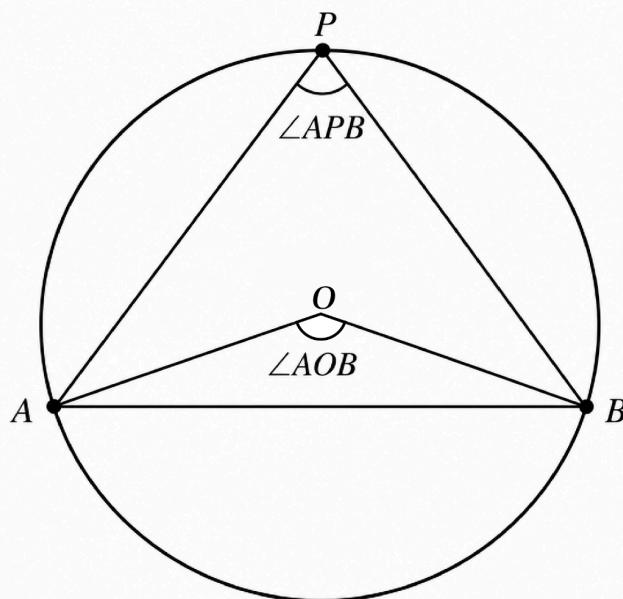
Class 9 Mathematics - I'm Up and Down, and Round and Round

Name: _____

Date: _____

Advanced Worksheet 4

Questions



1. Identify the centre angle subtended by arc AB .
2. Identify the angle at the circumference subtended by the same arc.
3. If $\angle AOB = 120^\circ$, find $\angle APB$.

4. If $\angle AOB = 80^\circ$, find $\angle APB$.
5. Which angle is larger, the angle at the centre or at the circumference?
6. State the theorem illustrated.

Answer Key

1. $\angle AOB$
2. $\angle APB$
3. 60°
4. 40°
5. Angle at the centre
6. Angle at the centre is twice the angle at the circumference standing on the same arc.