## **Circle Geometry**

Properties of a Circle Circle Theorems:

- Angles and chords
- > Angles
- > Chords
- Tangents
  Cyclic Quadrilaterals

























$\begin{array}{c} A \\ \alpha \\ 180 - \beta \\ B \\ 180 - \alpha \\ C \end{array}$	<ul> <li>The opposite angles in a cyclic quadrilateral are supplementary.</li> <li>If the opposite angles of a quadrilateral are supplementary, then the quadrilateral is cyclic.</li> </ul>
A A D D C A B	The exterior angle of s cyclic quadrilateral is equal to the interior opposite angle.