Circle Theorems The angle at the centre is Angles in the same twice the angle at the segment are equal. circumference. The perpendicular bisector of a chord passes through the centre of the circle. Conversely, if a radius bisects a chord it is perpendicular to the chord. The angle in a semicircle is a right angle. (Thales theorem) C Opposite angles of a APxPD=BPxPC cyclic quadrilateral are supplementary. The intersecting chords D theorem. X+Y=180°

