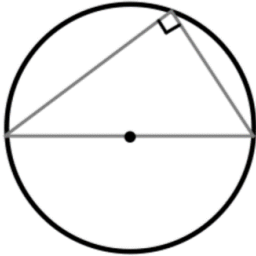
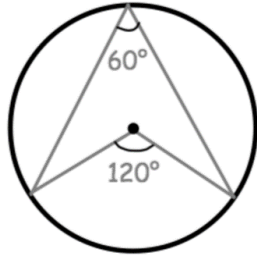


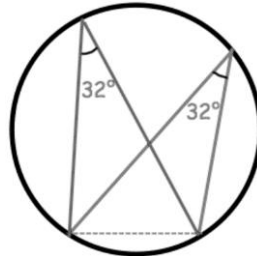
Circle Theorems



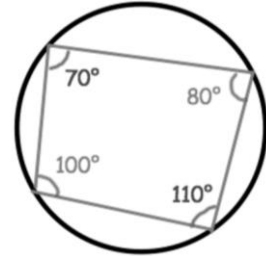
The angle in a semi-circle is 90°



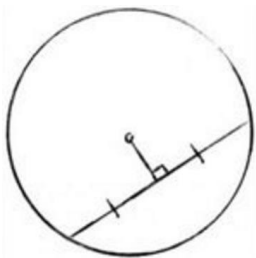
The angle at the circumference is half the angle of the center



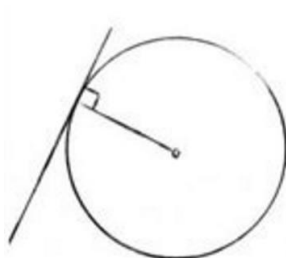
The angles in the same segment from a common chord are equal



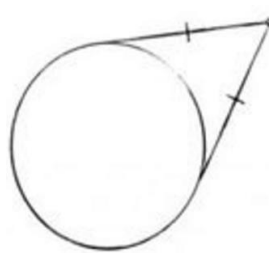
The opposite angles in a cyclic quadrilateral always add to 180°



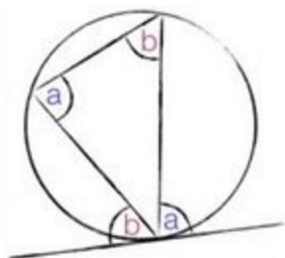
The perpendicular from the center to the chord bisects the chord



The angle between a tangent and a radius is 90°



Tangents from a point outside the circle are equal in length



Alternate segment theorem