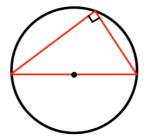
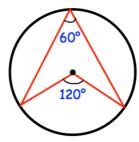


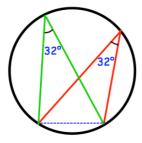
Circle Theorems



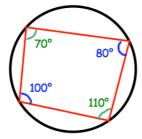
The angle in a semi-circle is 90°



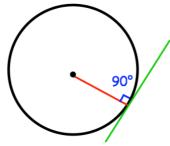
The angle at the circumference is half the angle at the centre



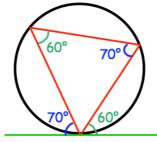
The angles in the same segment from a common chord are equal



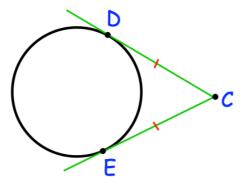
The opposite angles in a cyclic quadrilateral always add to 180°



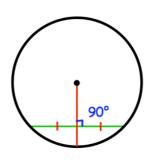
The angle between a radius and a tangent is 90°



Alternate segment theorem
The angle between the chord and the tangent is equal to opposite angle inside the triangle.



The tangents to a circle from the same point will be equal length



The radius through the midpoint of a chord will bisect the chord at 90°