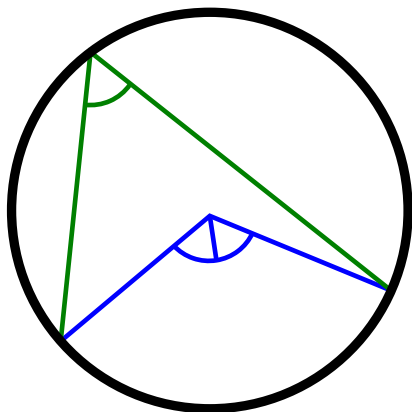
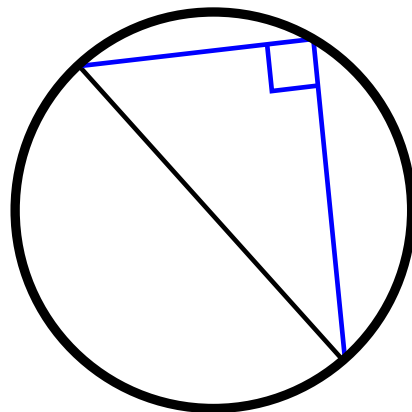


.CG Maths.

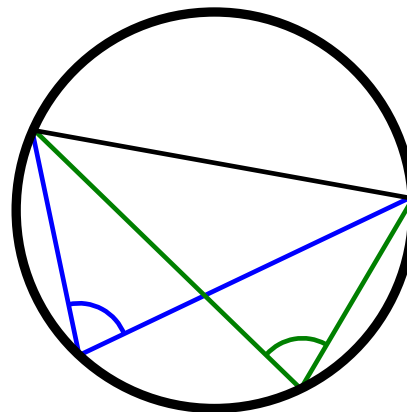
Circle Theorems
Cheat Sheet (V.1.1)



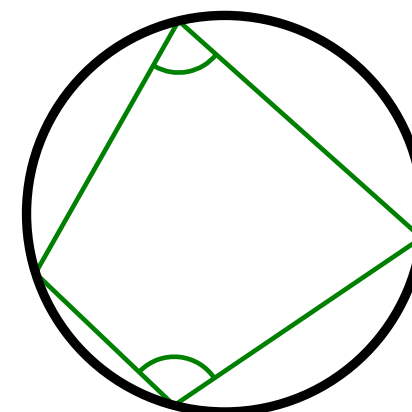
The angle at the centre is double the angle at the circumference



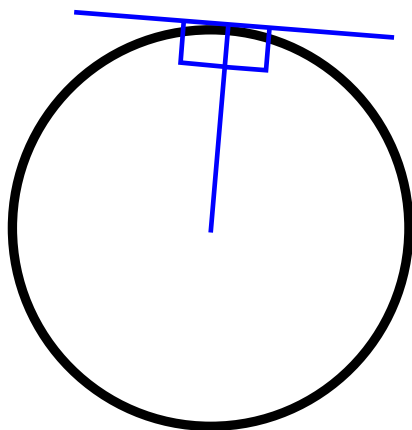
The angle in a semicircle is 90°



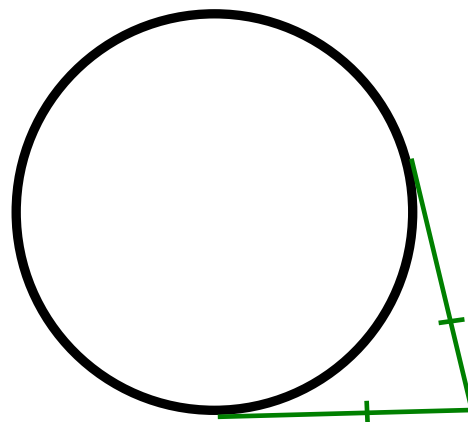
Angles in the same segment from a common chord are equal



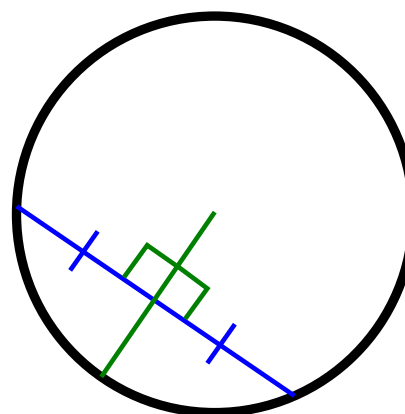
Opposite angles in a cyclic quadrilateral sum to 180°



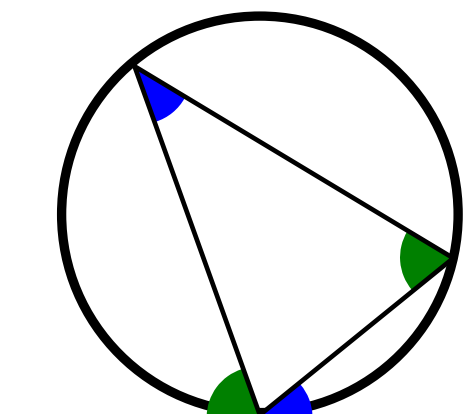
The tangent is perpendicular to the radius



Tangents meeting at the same point are equal in length



Perpendicular from centre to chord bisects it



Alternate segment theorem