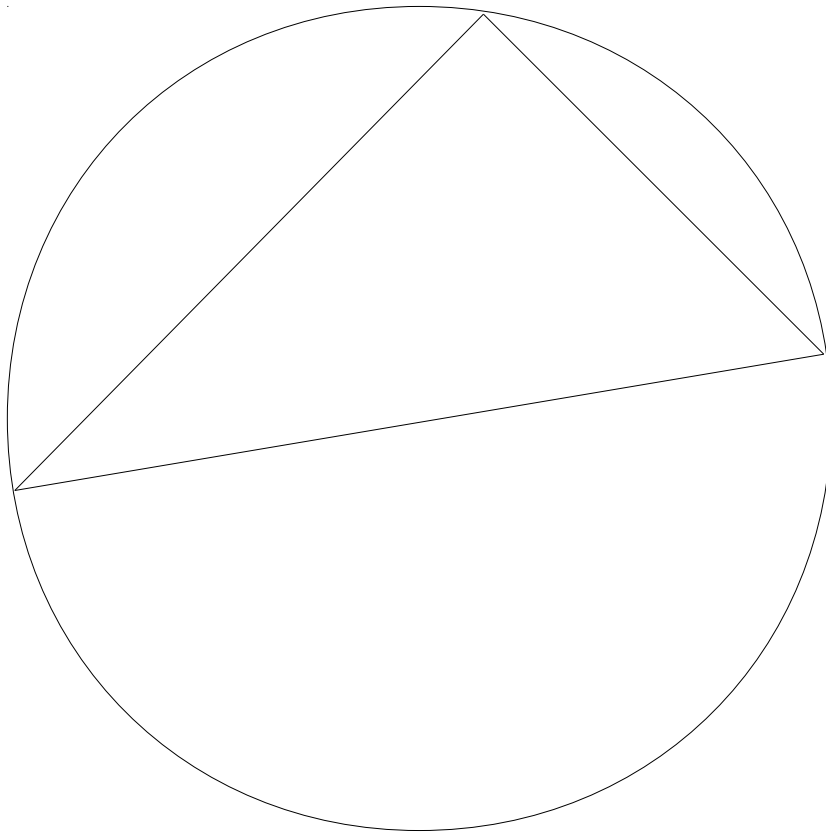
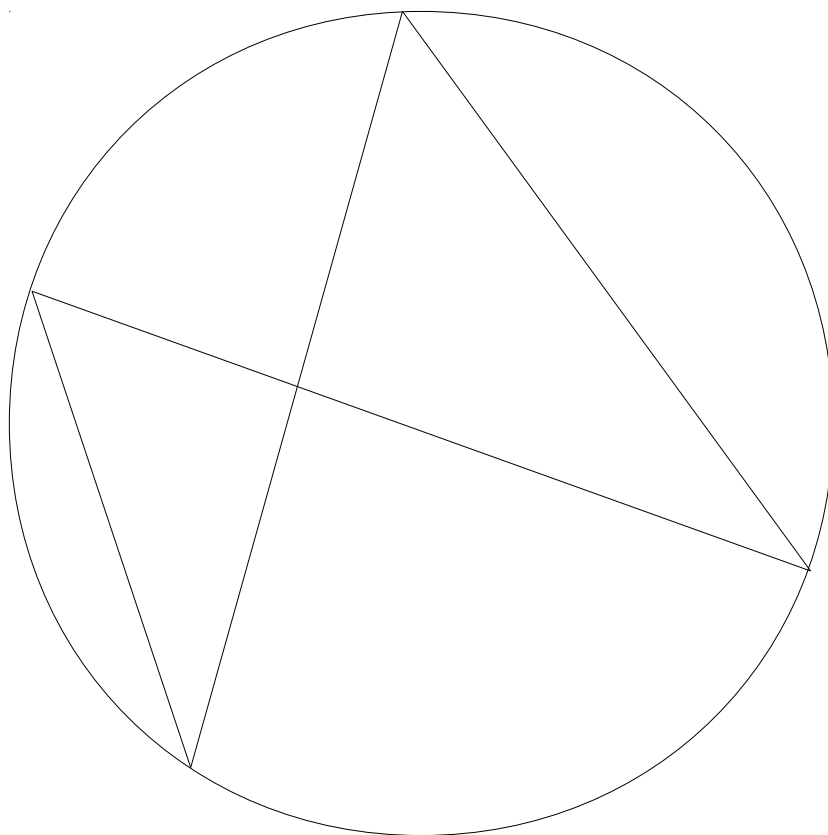


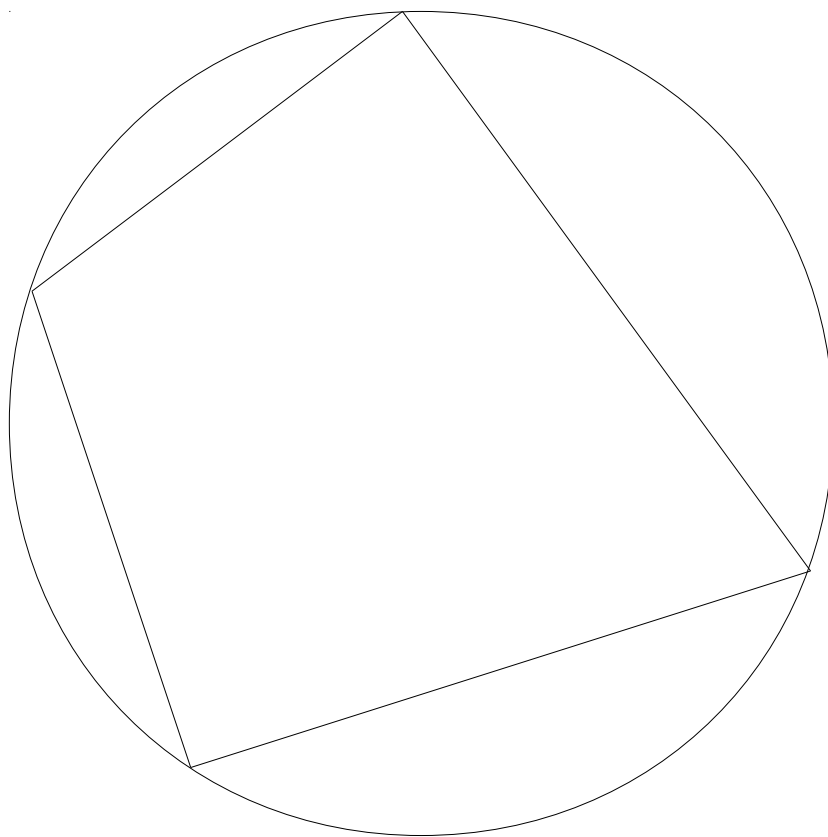
Prove that the angle subtended by an arc at the centre of a circle is twice the angle subtended at any point on the circumference



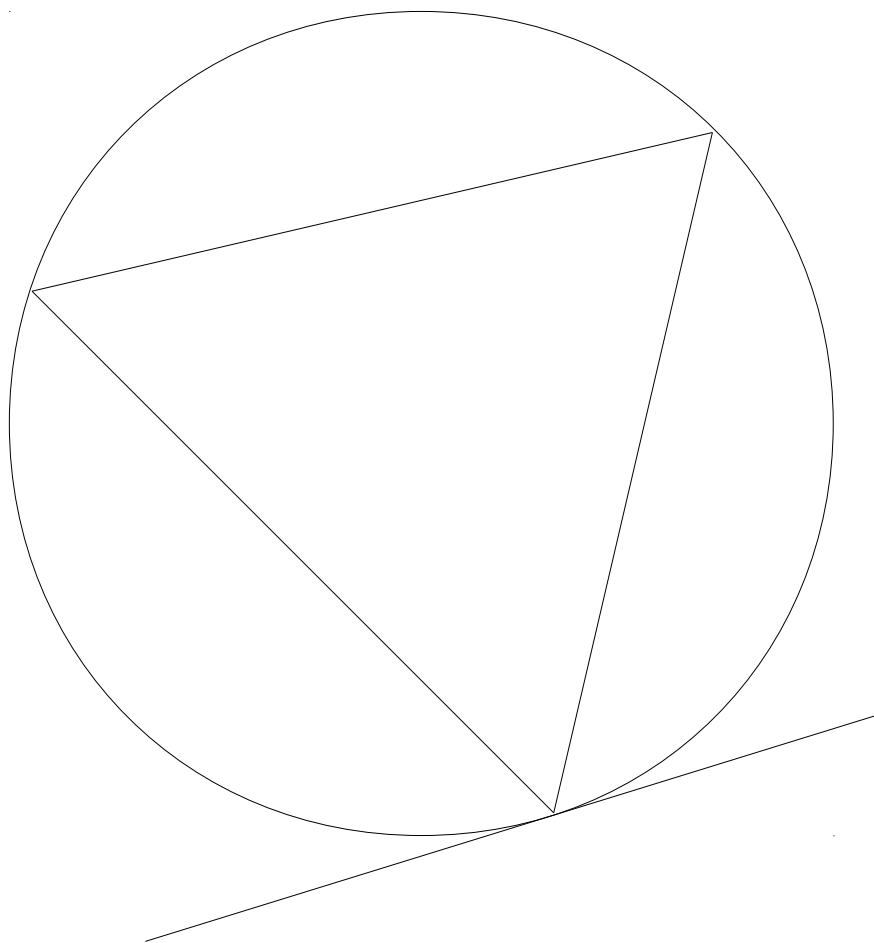
Prove the angle subtended at the circumference by a semicircle is a right angle



Prove that angles in the same segment are equal



Prove that opposite angles of a cyclic quadrilateral sum to 180°



Prove the alternate segment theorem