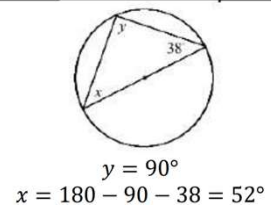
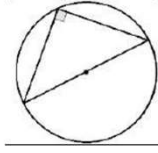


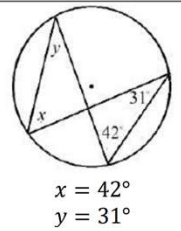
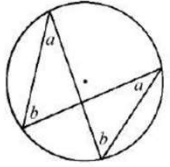
Angles in a semi-circle

Angles in a semi-circle have a right angle at the circumference.

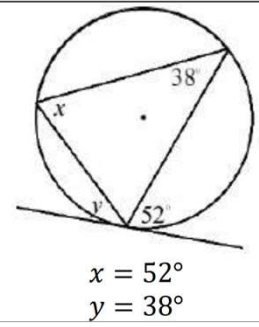
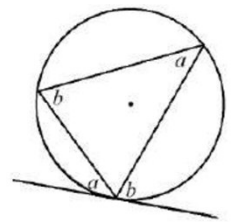


Angles in the same segment

Angles in the same segment are equal.

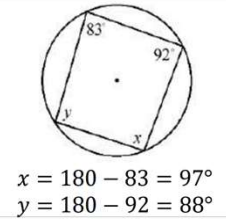
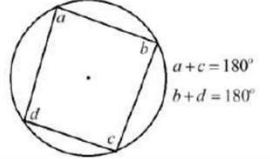


Alternate segment theorem



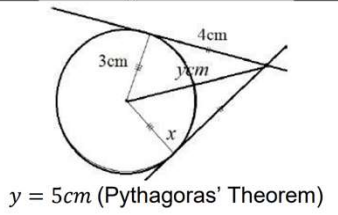
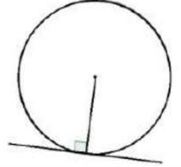
Cyclic quadrilaterals

Opposite angles in a cyclic quadrilateral add up to 180° .



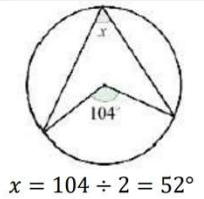
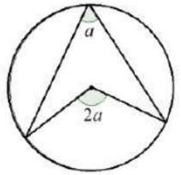
Tangent meeting a radius

A tangent is perpendicular to the radius at the point of contact.



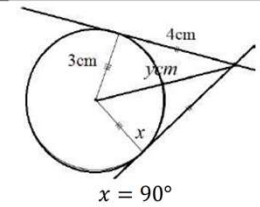
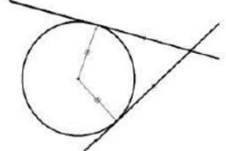
Angle at the centre and angle at the circumference

The angle at the centre is twice the angle at the circumference.



Tangent from an external point

Tangents from an external point are equal in length.



Isosceles triangle

Base angles of isosceles triangles are equal

