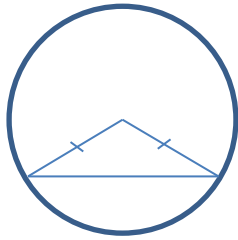


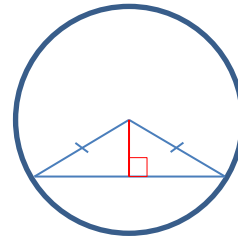
CHORDS & TANGENTS

Isosceles Triangles

A triangle that is formed from 2 radii is an isosceles triangle.

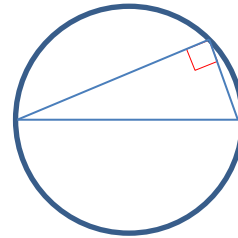


An isosceles triangle can be split into 2 right angled triangles.



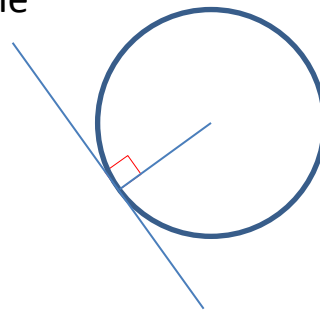
Angle in a Semi-Circle

A triangle drawn in a semi-circle is a right-angled triangle where the diameter is the hypotenuse of the triangle.



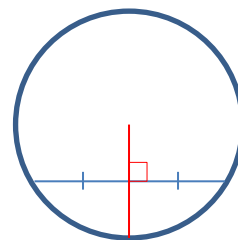
Tangent to a Circle

A tangent to a circle is a line that touches the circumference of the circle at one point.
A tangent is perpendicular to the radius.



Chords

A chord that bisects a radius is perpendicular to the radius.



Chords & Tangents Practice

<http://www.mathwarehouse.com/geometry/circle/chord-perpendicular-bisector.html>

Learn about chords. Answer the questions.

<http://www.mathwarehouse.com/geometry/circle/tangent-to-circle.php>

Revise tangent to a circle. Try the problems.

http://www.bbc.co.uk/bitesize/standard/maths_ii/measure/circles/revision/3/

Revise the rule and try the TESTBITE.

<http://www.supermathsworld.com/> Ask your teacher for the login details.

Select SHAPE from the bottom menu. Select CIRCLE THEOREMS 1 on EASY level.

Select SHAPE from the bottom menu. Select CIRCLE THEOREMS 2 on EASY, MEDIUM and HARD levels.