Circle Properties

Some of the important properties of the circle are as follows:

* The circles are said to be congruent if they have equal radii
* The diameter of a circle is the longest chord of a circle
* Equal chords of a circle subtend equal angles at the center
* The radius drawn perpendicular to the chord bisects the chord
* Circles having different radius are similar
* A circle can circumscribe a rectangle, trapezium, triangle, square, kite
* A circle can be inscribed inside a square, triangle and kite
* The chords that are equidistant from the center are equal in length