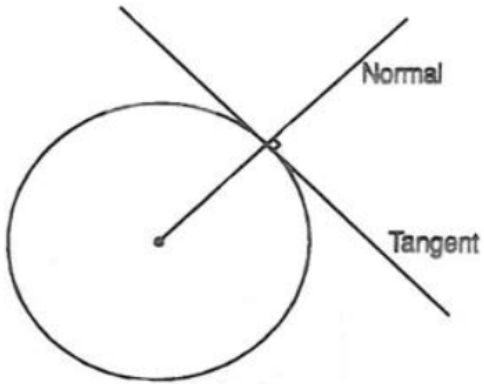# Tangent and Normal Lines … Facts 1

TANGENTS AND NORMAL'S

The following diagram shows the tangent and normal to a circle at a point on its circumference.

Both the tangent and normal are straight lines of the form $y = mx + c$ and to find these lines we need two pieces of information, the slope of the line and a point that the line passes through.

The normal to a circle will always pass through the center of the circle.

The tangent and the normal are always at right angles to each other.