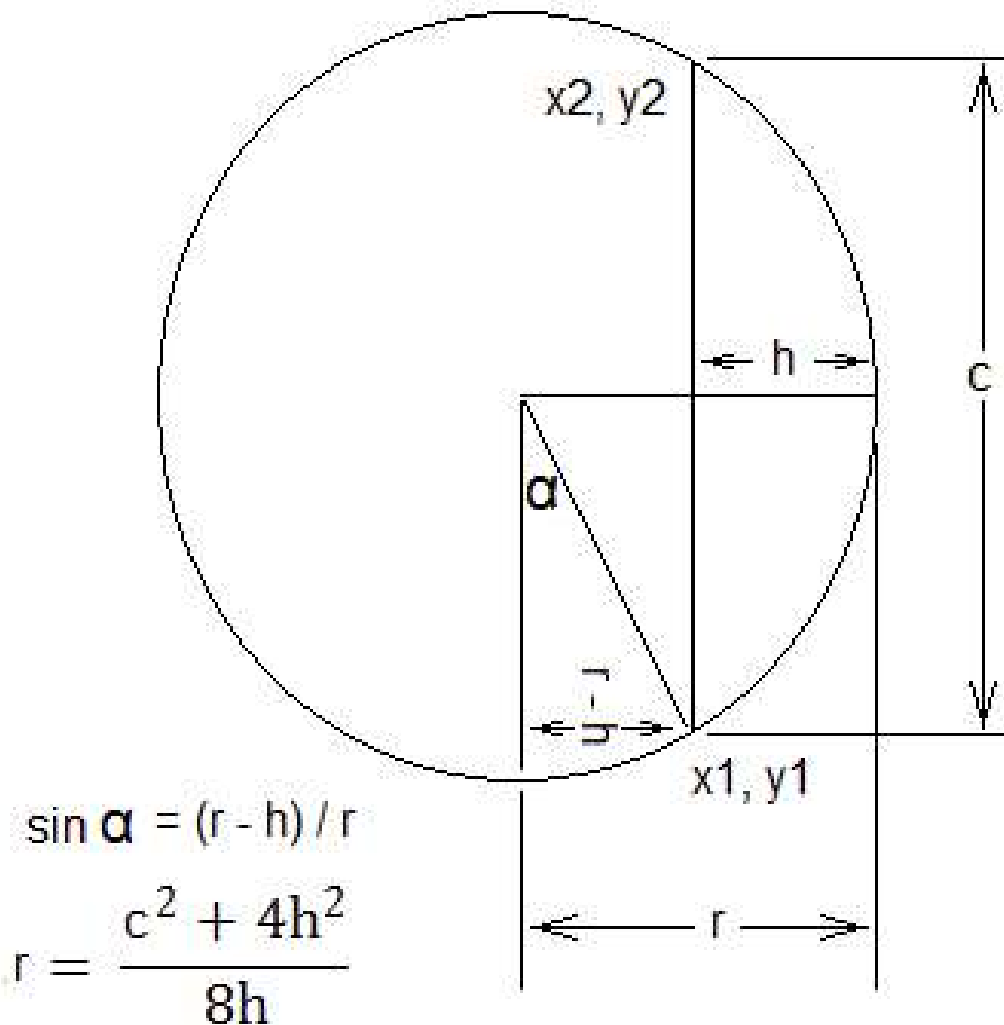


## Case II: Arc with Vertical Chord



$c$  = chord length

$r$  = radius

$h$  = perpendicular distance from the chord to the top of the arc.

$x_1, y_1$  is the starting point of the arc

$x_2, y_2$  is the ending point of the arc.