

Circles

$$\textit{Arc Length} = \frac{\theta}{2\pi} \times 2\pi r$$

$$\textit{Arc Length} = \theta r$$

$$\textit{Sector Area} = \frac{\theta}{2\pi} \times \pi r^2$$

$$\textit{Sector Area} = \frac{1}{2} \theta r^2$$

$$(x - a)^2 + (y - b)^2 = r^2$$

Centre: (a, b)

Radius = r