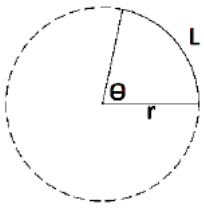
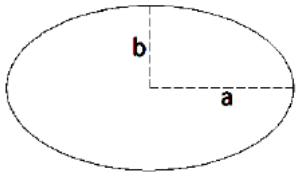
Plane Figure Geometry Formulas:

Name	Figure	Perimeter/Circumference	Area (A)
Sector		$L = \frac{\theta}{180}\pi r$ **for a sector, perimeter is renamed arc length	$A = \frac{\theta}{360}\pi r^2$
Ellipse		$C = \pi(a+b)j$ $j = 1 + \frac{1}{4}h + \frac{1}{64}h^2 + \frac{1}{256}h^3 + \ldots$ $h = \frac{(a-b)^2}{(a+b)^2}$	$A = \pi ab$

Arc Length
$S = r\theta$ (where θ is in radians)