equations	
Diameter	D = 2 × r
Circumference	C = 2 × π × r
Area	A = π × r2

terms	
radius	the distance from the center of the circle to its outer rim
chord	a line segment whose endpoints are on a circle
diameter	a chord that passes through the center of the circle. the length of the diameter is two times the length of the radius
secant	a line that intersects a circle in two points
tangent	a line that intersects a circle in exactly one point
point of tangency	the point where the tangent touches the circle

other sources	
arcs	https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-arc-measures/v/intro-arc-measure
chords	https://www.youtube.com/watch?v=mgKbpTtDxSk
circles overview	https://www.khanacademy.org/math/geometry-home/cc-geometry-circles
good luck friend:)	you got this

I believe in you!!!

graphing circles	
(x-h)2+ (y-k)2=r2	h=the x axis, k= the y axis, and r =the radius
example:	(x-1)2 + (y+3) 2 =4
radius=2	center=(1,-3)

arcs- the basic	
major arcs	arcs above 180
minor arcs	arcs below 180
semicircle	arc equivalent to 180

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