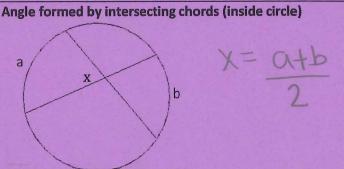
hey

Circle Toolkit - For each angle and are relationship, complete the example by solving for the variable(s).

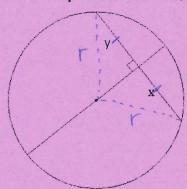
Central angle Inscribed angle Inscribed angle of a semicircle Angles of inscribed quadrilateral Diameter drawn to tangent at point of tangency Angle formed by secant/chord drawn to tangent at point of tangency 0. Angle formed by two tangents (outside circle) Angle formed by secant and tangent (outside circle) Angle formed by two secants (outside circle) Angle formed by intersecting chords (inside circle)



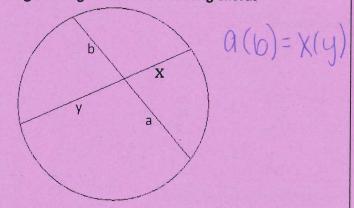


Segments

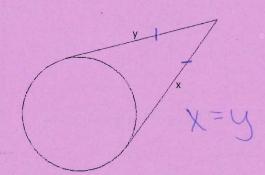
Diameter Perpendicular to a Chord



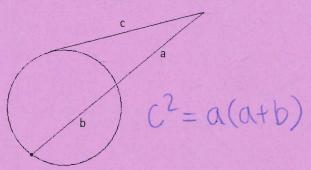
Length of Segments of Intersecting Chords



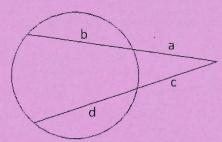
Length of Tangent Segments

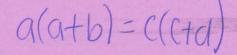


Length of Segments of Intersecting Tangent & Secant



Length of Segments of Intersecting Secant & Secant





BE SURE YOU KNOW THE VOCABULARY FROM THIS CHAPTER!!

Arc
Major Arc
Central Angle
Chord
Diameter
Semicircle

Intercepted Arc
Arc Length
Measure of an Arc
Minor Arc
Secant

Semicircle Inscribed Angle
Tangent Inscribed Polygon

Equation of a circle: $(x-h)^2 + (y-k)^2 = r^2$