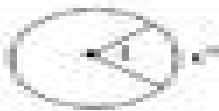
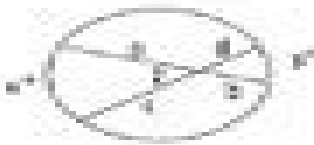


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Vertex	Diagram	Relationship
I N		Central Angle $m\angle 1 = x$
		Inscribed Angle $m\angle 2 = \frac{1}{2}a$ ($x = \frac{1}{2}a$) Segments $ab = cb$
O N		Inscribed Angle $m\angle 3 = \frac{1}{2}a$
		Tangent Angle $m\angle 4 = \frac{1}{2}a$
O U T		Exterior Angle $m\angle 5 = \frac{1}{2}(a - b)$ Segments $a(x + b) = c(x + d)$
		Exterior Angle $m\angle 6 = \frac{1}{2}(a - b)$ Segments $a^2 = c(x + d)$
		Exterior Angle $m\angle 7 = \frac{1}{2}(a - b)$ Segments $a = c$

Angle Relationships In Circles Graphic Organizer

Katrin Zwirgmaier



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