

THEOREM		HYPOTHESIS	CONCLUSION
12-1-1	If a line is tangent to a circle, then it is perpendicular to the radius drawn to the point of tangency. (line tangent to ⊙ → line ⊥ to radius)	l is tangent to ⊙A	ℓ ⊥ AB
12-1-2	If a line is perpendicular to a radius of a circle at a point on the circle, then the line is tangent to the circle. (line ⊥ to radius → line tangent to ⊙)	m is \bot to \overline{CD} at D	m is tangent to ⊙C.

Lines That Intersect Circles Lesson 12 1

William A. Orvis

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