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Sketch. (Hint: The line through the center of the circle and the point of tangency is perpendicular to the tangent line.)

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Calculate the equation of this circle.

Exercise 7. The ends of the diameter of a circle are the points A = (-5, 3) and B = (3, 1). What is the equation of this circle?

Exercise 8. Find the equation of the concentric circle to the circle . which has a ... Equation of a Circle Problems | Superprof Two circles with same center are drawn with O as the centre as shown in the figure given below. The ratio of the area of the annular ring bounded by these two circles and the quadrilateral EBCH is 3x:2. Find the ratio of the radius of the smaller circle to the radius of the larger circle. Circle Problems - Geometry Circle Problems with Solutions ... Solutions to the Above Problems. If we draw a radius in the small circle to the point of tangency, it will be at right angle with the chord. (see figure below). If x is

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