Some circle problems: name:

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| 9. Two circles share a common chord. The chord cuts off a 70° arc of circle A and a 50° arc of circle B. Which circle has the larger radius? | 10. The radius of a circle is 12 cm. The length of a chord is 14 cm. Find the distance from the center to the chord. |
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Prove also: Theorem 54 part 3, and Theorem 55 parts 1 and 2