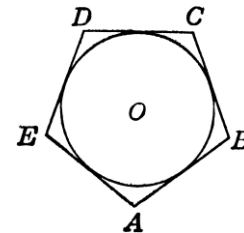Review for Circles   Names_____

Part A: Identify each statement as true (T) or false (F).

1. _____ The circumference of a circle is π times its radius squared.

2. _____ A secant is a segment whose endpoints are on the circle.

3. _____ Two chords are congruent if they are equidistant to the center of the circle.

4. _____ Two circles are congruent if they have the same radius.

5. _____ If a secant and a tangent intersect at a point outside the circle, the angle created is the sum of the two arcs divided by 2.

Part B: Fill-in the blank.

6. The _____ angles of a quadrilateral inscribed in a circle are supplementary.

7. Any angle inscribed in a(n) _____ is a right angle.

8. The measure of a(n) _____ angle is equal to the measure of its intercepted arc.

9. A tangent to a circle is _____ to the radius drawn to the point of tangency.

10. If two segments from the same exterior point are tangent to a circle, then they are _____.

11. /12. In the illustration, the _____ is circumscribed about the _____.

Find the lettered angle and arc measures.

$a =$ _____ $b =$ _____ $c =$ _____

$d =$ _____ $e =$ _____ $f =$ _____

$g =$ _____ $h =$ _____ $j =$ _____

$k =$ _____ $m =$ _____ $n =$ _____

$p =$ _____