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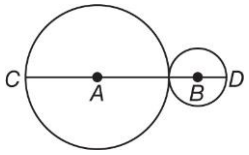
IN CLASS REVIEW 9.1-9.4
(wk p58)

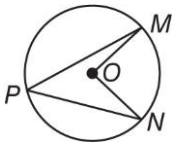
1. What is the name of the longest chord in a circle?
A diameter **B** radius **C** secant **D** tangent

2. The radius of $\odot B$ is 4 centimeters and the circumference of $\odot A$ is 20π centimeters. Find CD.
F 10 cm **H** 24 cm
G 14 cm **J** 28 cm

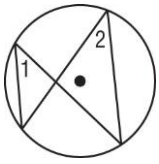


3. A chord of $\odot P$ measures 8 inches and the distance from the center to the chord is 3 inches. Find the radius of $\odot P$.
A 3 in. **B** 5 in. **C** $\sqrt{73}$ in. **D** 10 in.

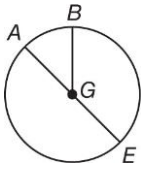
4. If $m\angle MON = 86$, find $m\angle MPN$.
F 86 **H** 43
G 45 **J** 30



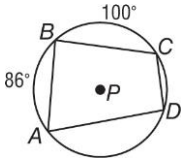
5. Find x if $m\angle 1 = 2x + 10$ and $m\angle 2 = 3x - 6$.
A 4 **C** 24
B 16 **D** 42



6. $\overline{AE}$ is a diameter of $\odot G$ and $m\angle BGE = 136$. Find $m\widehat{AB}$.



10. Quadrilateral $ABCD$ is inscribed in $\odot P$. Find $m\angle ABC$.



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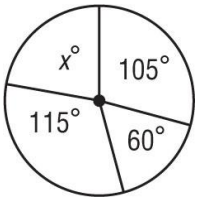
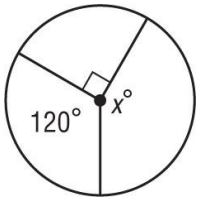
Rev 9.2 (wk p11)
Find the value of *x*.

1.



2.



Rev 9.1 (wk p7)
6. Suppose the diameter of the circle is 16 centimeters. Find the radius.

Rev 9.1 (wk p8)
14. SUNDIALS Herman purchased a sundial to use as the centerpiece for a garden. The diameter of the sundial is 9.5 inches.

a. Find the radius of the sundial.

b. Find the circumference of the sundial to the nearest hundredth.