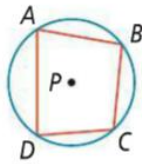


Lesson Check

Do you know HOW?

Use the diagram for Exercises 1–3.

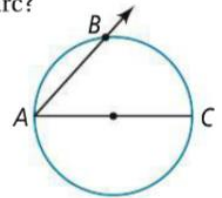


- Which arc does $\angle A$ intercept?
- Which angle intercepts \widehat{ABC} ?
- Which angles of quadrilateral $ABCD$ are supplementary?

Do you UNDERSTAND?

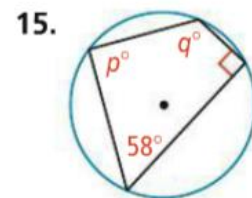
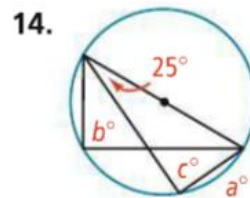
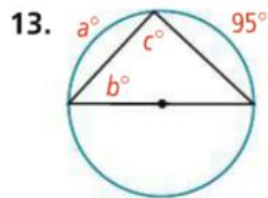
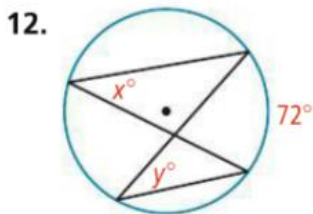
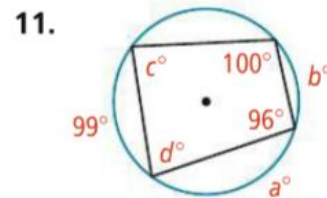
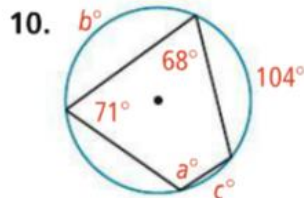
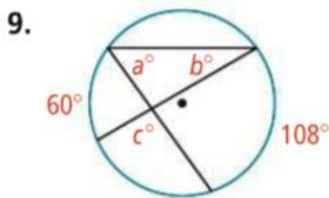
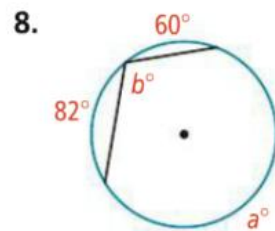
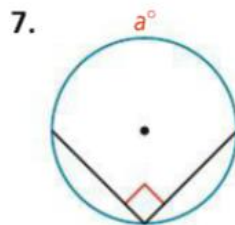
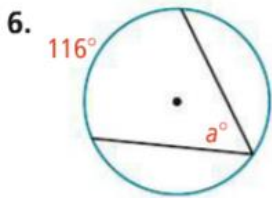


- Vocabulary** What is the relationship between an inscribed angle and its intercepted arc?
- Error Analysis** A classmate says that $m\angle A = 90$. What is your classmate's error?



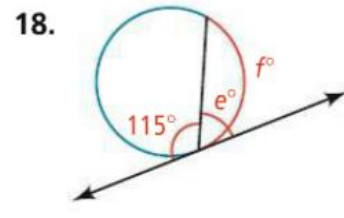
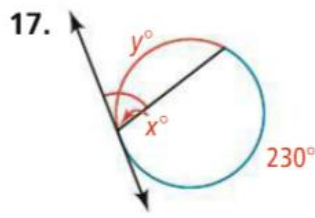
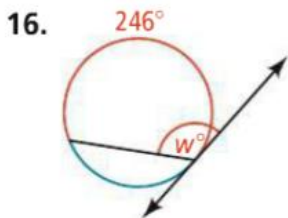
Find the value of each variable. For each circle, the dot represents the center.

See Problems 1 and 2.



Find the value of each variable. Lines that appear to be tangent are tangent.

See Problem 3.



19. **Writing** A parallelogram inscribed in a circle must be what kind of parallelogram? Explain.

Find each indicated measure for $\odot O$.

20. a. $m\widehat{BC}$

b. $m\angle B$

c. $m\angle C$

d. $m\widehat{AB}$

