

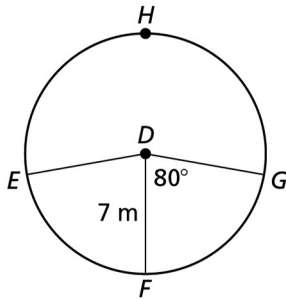
11.1 Extra Practice

In Exercises 1 and 2, find the indicated measure.

- circumference of a circle with a radius of 5.4 feet
- diameter of a circle with a circumference of 36 meters

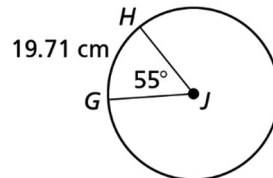
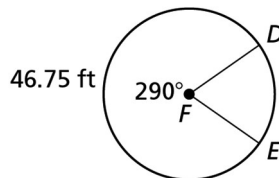
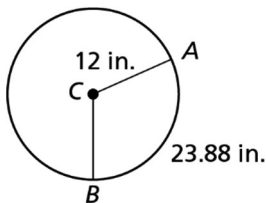
In Exercises 3–8, use the diagram of $\odot D$ with $\angle EDF \cong \angle FDG$ to find the indicated measure.

- $m\widehat{EFG}$
- $m\widehat{EHG}$
- arc length of \widehat{EFG}
- arc length of \widehat{EHG}
- $m\widehat{EHF}$
- arc length of \widehat{FEG}

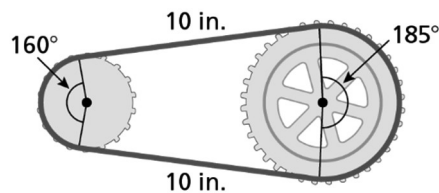


In Exercises 9–11, find the indicated measure.

- $m\widehat{AB}$
- circumference of $\odot F$
- radius of $\odot J$



- The chain of a bicycle travels along the front and rear sprockets, as shown in the figure. The circumferences of the rear sprocket and the front sprocket are 12 inches and 20 inches, respectively.
 - How long is the chain? Round your answer to the nearest tenth.
 - On a chain, the teeth are spaced in $\frac{1}{2}$ -inch intervals. About how many teeth are there on this chain?



In Exercises 13 and 14, convert the angle measure.

- Convert 105° to radians.
- Convert $\frac{5\pi}{6}$ radians to degrees.

- Find the circumference of a circle circumscribed about a right triangle whose legs have a length of 5 centimeters and 3 centimeters.