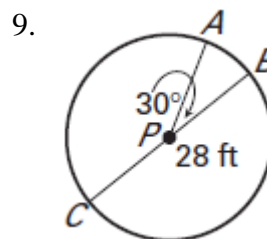
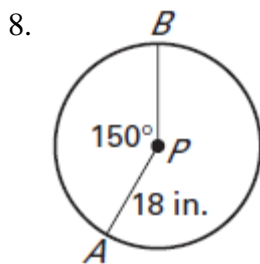
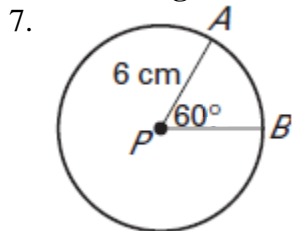


Name _____ Hour _____

Find the indicated measure.

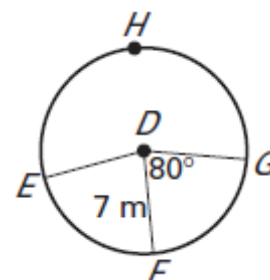
- Find the circumference of a circle with a diameter of 15 inches.
- Find the circumference of a circle with a radius of 27 centimeters.
- Find the diameter of a circle with a circumference of 39π feet.
- Find the radius of a circle with a circumference of 62π millimeters.
- Find the diameter of a circle with a circumference of 44 yards.
- Find the radius of a circle with a circumference of 11 meters.

Find the length of AB .



In circle D , $\angle EDF \cong \angle FDG$. Find the indicated measure.

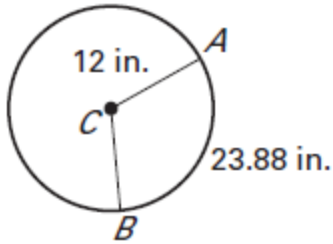
- | | | |
|------------------------------|-------------------------------|-------------------------------|
| 10. $m\widehat{EG}$ | 11. $m\widehat{EHG}$ | 12. $m\widehat{EHF}$ |
| 13. Length of \widehat{EG} | 14. Length of \widehat{EHG} | 15. Length of \widehat{EHF} |



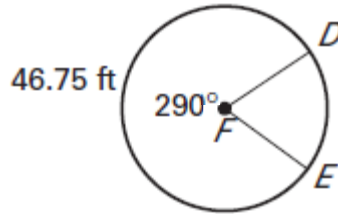
Circumference & Arc Length

Find the indicated measure.

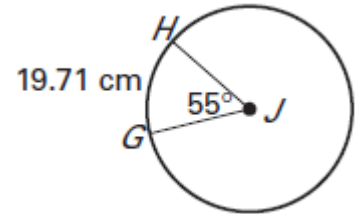
16. $m\widehat{AB}$



17. Circumference of circle F



18. Radius of circle J



The wheel on a manual scooter has a diameter of $4\frac{1}{2}$ inches as shown.

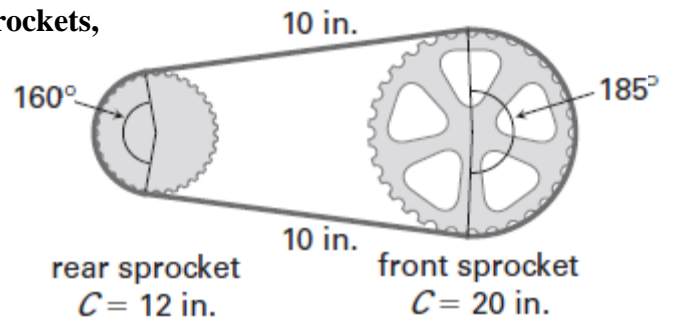
19. Find the circumference of the wheel.

20. How many feet does the wheel travel when it makes 175 revolutions?
Round to the nearest foot.



The chain of a bicycle travels along the front and rear sprockets, as shown. The circumference of each sprocket is given.

21. Find the length of the chain.



22. On the chain, the teeth are spaced in half inch intervals.
Approximately how many teeth are there on this chain?