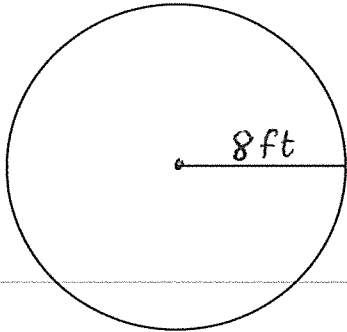


Circumference and Arc Length

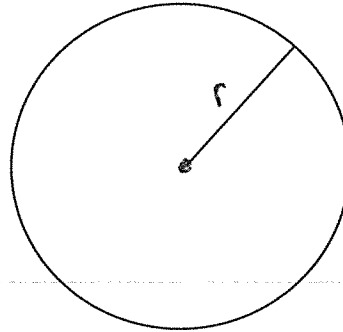
Unit 7: Circles

Use the diagram to find the indicated measure:

1. Find the circumference.

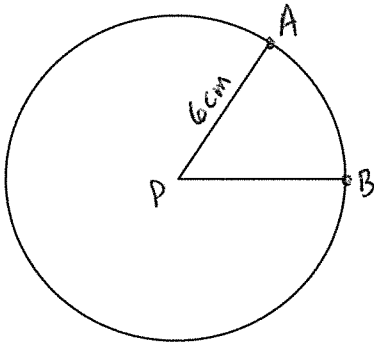


2. Find the radius, given $C = 65.98$ cm

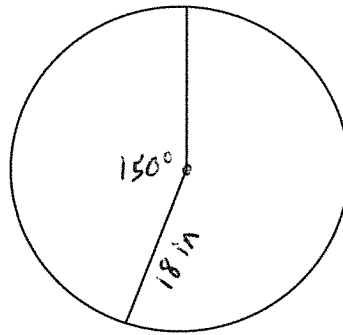


Find the length of \widehat{AB} .

3.



4.



Find the indicated measure:

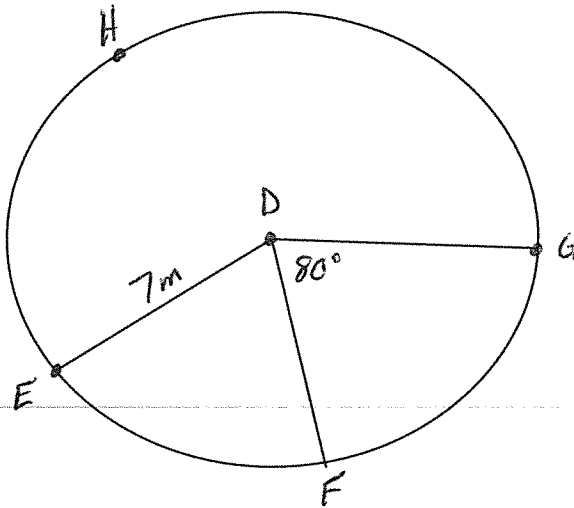
5. The exact radius of a circle with circumference 42 meters.

6. The exact diameter of a circle with circumference 39 centimeters.

7. The exact circumference of a circle with diameter 15 inches.

8. The exact circumference of a circle with radius 27 feet.

Given the following circle and $\angle EDF \cong \angle FDG$. Find the indicated measure.



9. $m \widehat{EFG}$

10. $m \widehat{EHG}$

11. Length of \widehat{EFG}

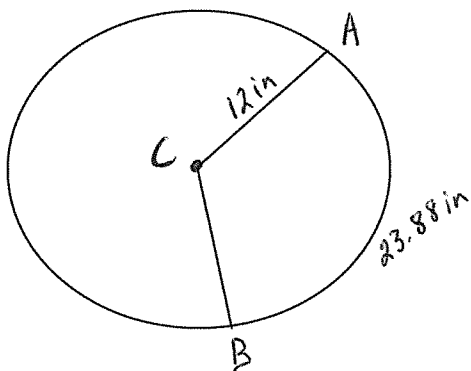
12. Length of \widehat{EHG}

13. $m \widehat{EHF}$

14. Length of \widehat{FEG}

Find the indicated measure:

15. $m \widehat{AB}$



16. Circumference of the circle.

