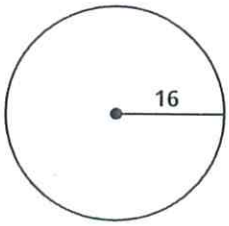
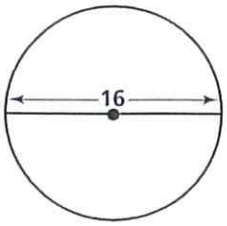
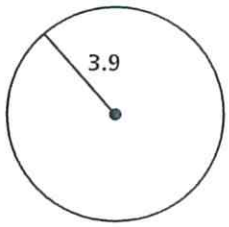
Practice 10-6 * DO ON LOOSELEAF *

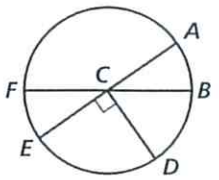
Find the circumference of each circle. Leave your answers in terms of π.

1. 

2. 

3. 

In $\odot C$, $\overline{EA}$ and $\overline{FB}$ are diameters. Identify the following.

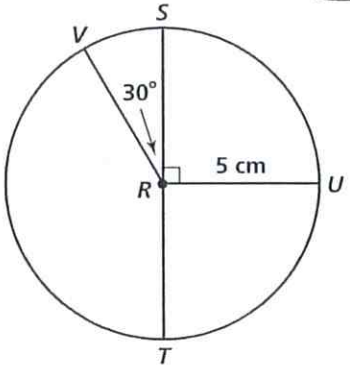


4. two major arcs
5. two minor arcs
6. two semicircles
7. a pair of adjacent arcs
8. an acute central angle
9. an obtuse central angle

Find the measure of each arc. Show work/justify. NO MAGIC ANSWERS.

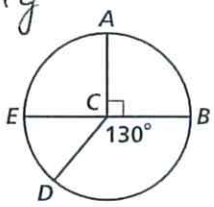
CAE/A, arc of semicircle, $90° - 50° =$ etc

10. $\overset{\frown}{SV}$
11. $\overset{\frown}{UV}$
12. $\overset{\frown}{SUT}$
13. a) $\overset{\frown}{UTV}$
    b) $\overset{\frown}{UT}$
14. a) $\overset{\frown}{VT}$
    b) $\overset{\frown}{UVT}$



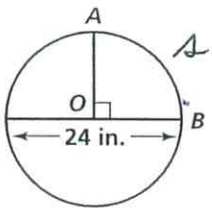
Find the measure of each arc in $\odot C$. Show work/justify

15. $\overset{\frown}{AE}$
16. $\overset{\frown}{ED}$
17. $\overset{\frown}{DBA}$
18. $\overset{\frown}{AED}$
19. $\overset{\frown}{ABD}$
20. $\overset{\frown}{BD}$

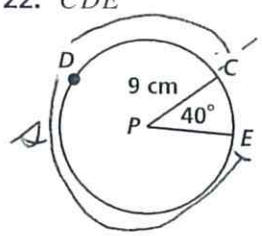


Find the length of each arc. Leave your answers in terms of π.

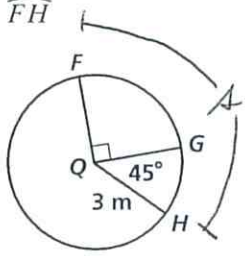
21. $\overset{\frown}{AB}$



22. $\overset{\frown}{CDE}$



23. $\overset{\frown}{FH}$



21–23 Recall:

$$\text{Arc} = \frac{\text{central } \angle}{360°} \cdot \frac{2\pi r}{1}$$