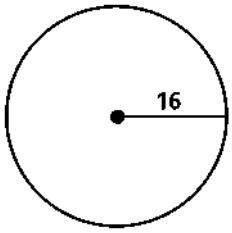
Name _____ Class _____ Date _____

Practice 10-6

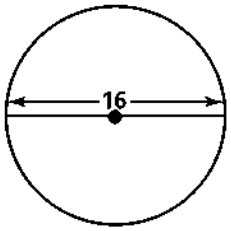
Circles and Arcs

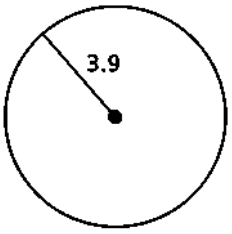
Find the circumference of each circle. Leave your answers in terms of π.

1.

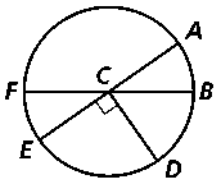


2.





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

A market research survey found that adults' favorite vegetables are as shown below. Find the measure of the central angle for each of the following vegetables. Give your answers to the nearest degree.

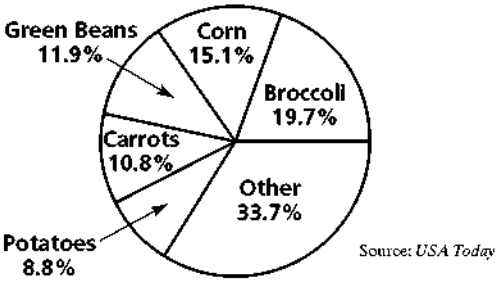
10. potatoes

11. green beans

12. corn

13. carrots

14. broccoli



Find the measure of each arc in $\odot C$.

15. $\widehat{AE}$

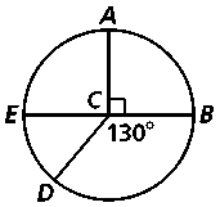
16. $\widehat{ED}$

17. $\widehat{DBA}$

18. $\widehat{AED}$

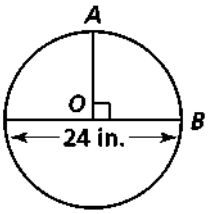
19. $\widehat{ABD}$

20. $\widehat{BD}$

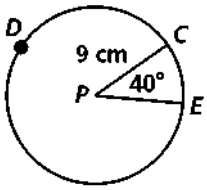


Find the length of each arc. Leave your answers in terms of π.

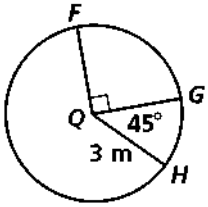
21. $\widehat{AB}$



22. $\widehat{CDE}$



23. $\widehat{FH}$



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