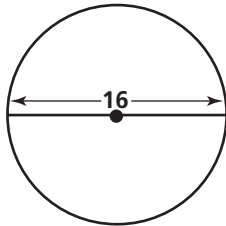


# Practice 10-6

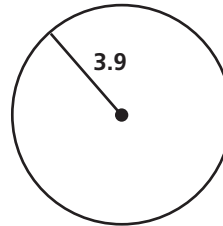
## Circles and Arcs

Find the circumference of each circle. Leave your answers in terms of  $\pi$ .

1. \_\_\_\_\_

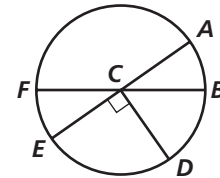


2. \_\_\_\_\_



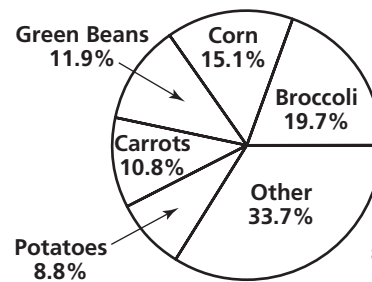
In  $\odot C$ ,  $\overline{EA}$  and  $\overline{FB}$  are diameters. Identify the following.

3. two major arcs \_\_\_\_\_
4. two minor arcs \_\_\_\_\_
5. a pair of adjacent arcs \_\_\_\_\_



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.

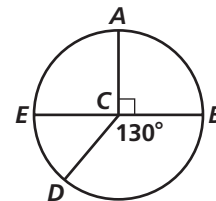
6. potatoes \_\_\_\_\_
7. corn \_\_\_\_\_
8. broccoli \_\_\_\_\_



Source: USA Today

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

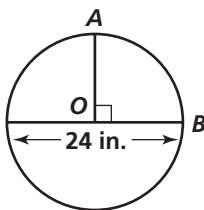
9.  $\widehat{ED}$  \_\_\_\_\_
10.  $\widehat{AED}$  \_\_\_\_\_
11.  $\widehat{ABD}$  \_\_\_\_\_
12.  $\widehat{BD}$  \_\_\_\_\_



Find the length of each arc. Leave your answers in terms of  $\pi$ .

13. \_\_\_\_\_

$\widehat{AB}$



14. \_\_\_\_\_

$\widehat{CDE}$

