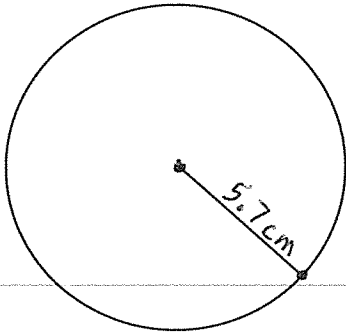


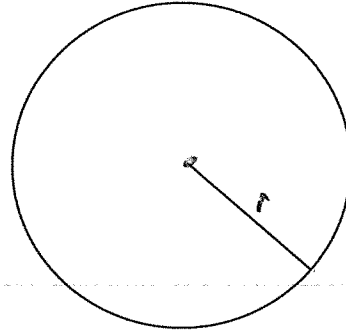
**Circumference and Arc Length – Day 2**  
Unit 7: Circles

Use the diagram to find the indicated measure:

1. Find the circumference.

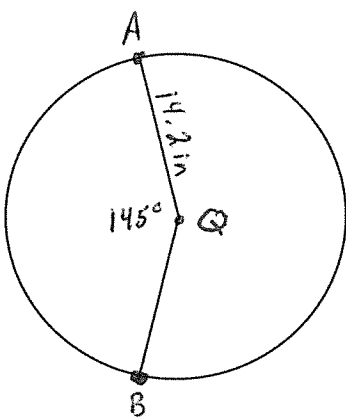


2. Find the radius, given  $C = 94$  inches

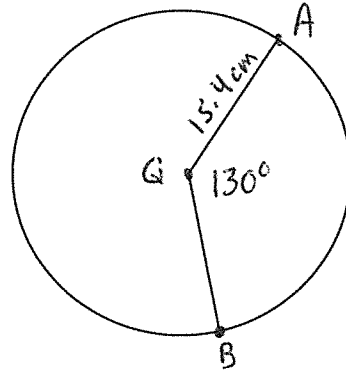


Find the length of  $\widehat{AB}$ .

3.



4.



Find the indicated measure:

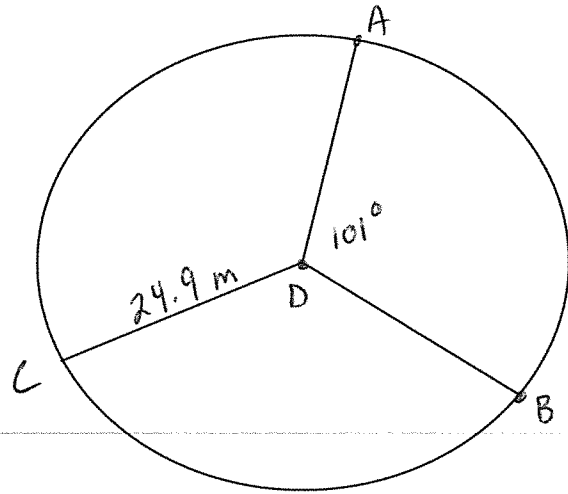
5. The exact radius of a circle with circumference 74 centimeters.

6. The exact diameter of a circle with circumference 58 feet.

7. The exact circumference of a circle with diameter 26.3 inches.

8. The exact circumference of a circle with radius 31.9 meters.

Given the following circle and  $\angle ADC \cong \angle BDC$ . Find the indicated measure.



9.  $m\widehat{ACB}$

10.  $m\widehat{CB}$

11. Length of  $\widehat{ACB}$

12. Length of  $\widehat{CB}$

13.  $m\widehat{ABC}$

14. Length of  $\widehat{BAC}$

Find the indicated measure:

15. Circumference of the circle.

16. Length of  $\widehat{AB}$ .

