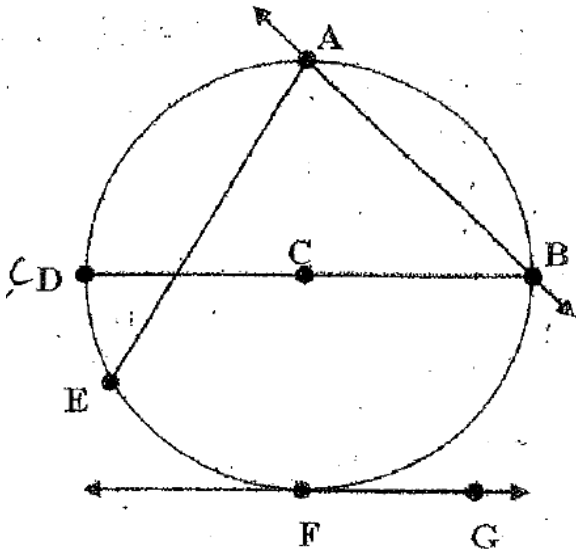


Name: _____

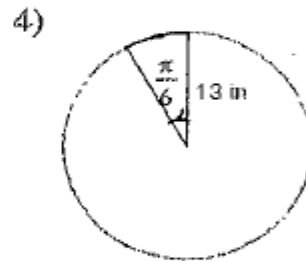
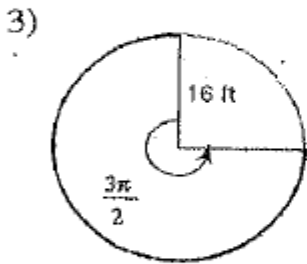
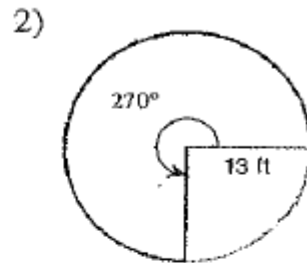
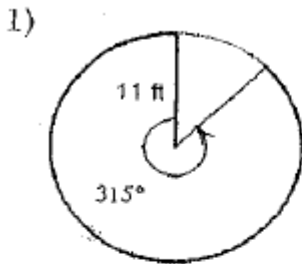
Date: _____

Name the following using "circle vocabulary".

1. Point C _____
2. \overline{FG} _____
3. \overline{EA} _____
4. Point F _____
5. \overline{AB} _____
6. \overline{CD} _____
7. \overline{BD} _____



Find the length of each arc. Do not round.



5) $r = 18 \text{ cm}, \theta = 60^\circ$

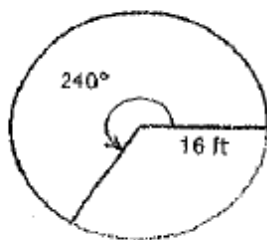
6) $r = 16 \text{ m}, \theta = 75^\circ$

7) $r = 9 \text{ ft}, \theta = \frac{7\pi}{4}$

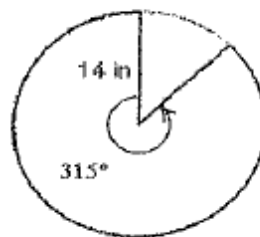
8) $r = 14 \text{ ft}, \theta = \frac{19\pi}{12}$

Find the area of each sector. Do not round.

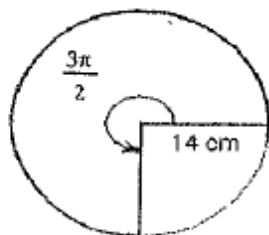
17)



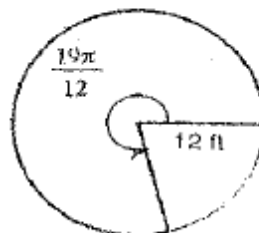
18)



19)



20)



21) $r = 10$ mi, $\theta = \frac{\pi}{2}$

22) $r = 12$ yd, $\theta = \frac{5\pi}{3}$

23) $r = 7$ km, $\theta = 60^\circ$

24) $r = 7$ mi, $\theta = 225^\circ$