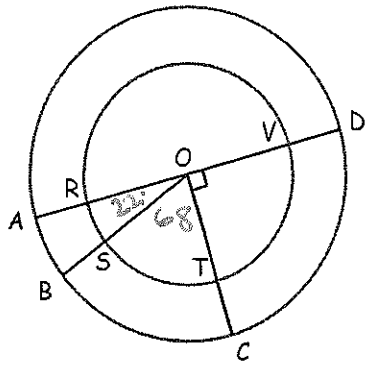
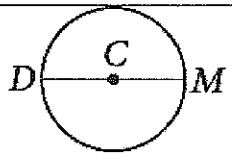
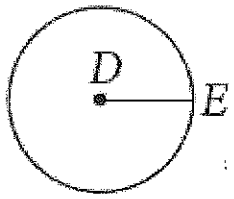
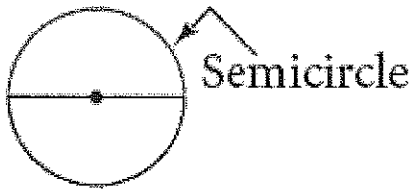
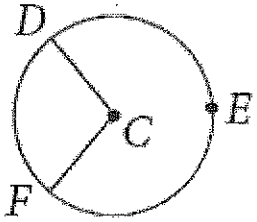
Cornell Notes Main Ideas/Questions	Name: KEY Date: _____ Title of Notes: **All About Circles**

Review:

In the figure below, O is the center of two concentric circles. Segment AD is a diameter, m∠AOB = 22, and ∠DOC is a right angle. Find each measure.

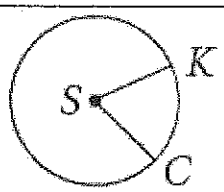
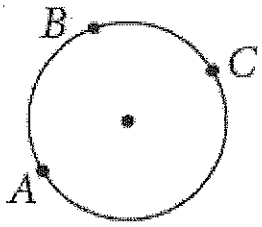
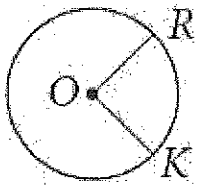
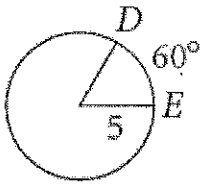
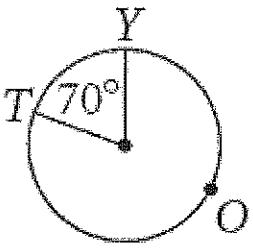
1. $\overset{\frown}{AD}$ 180°
2. $\overset{\frown}{ST}$ 68°
3. m∠DOS 158°
4. $\overset{\frown}{TVR}$ 270°
5. $\overset{\frown}{CDA}$ 270°
6. $\overset{\frown}{BAD}$ 202°



Diameter of a circle $\overline{DM}$	 $\overline{DM}$ is a diameter of $\odot C$.
Radius of a circle $\overline{DE}$	 $\overline{DE}$ is a radius of $\odot D$.
Semicircle 180°	
Major arc >180°	 $\overset{\frown}{DEF}$ is a major arc of $\odot C$.

Cornell Notes Main Ideas/Questions	Name:_____ Date: _____ Title of Notes: **Cont'd**

More Review:

Minor arc $< 180°$	 $\overset{\frown}{KC}$ is a minor arc of $\odot S$.
Adjacent Arcs Arcs that are next to each other, they share a point	 $\overset{\frown}{AB}$ and $\overset{\frown}{BC}$ are adjacent arcs.
Central Angle	 $\angle ROK$ is a central angle of $\odot O$.
Arc Length	 $\frac{60}{360} = \frac{x}{2\pi(5)}$ Length of $\overset{\frown}{DE} = \frac{60}{360} \cdot 2\pi(5) = \frac{5\pi}{3}$
Measure of an arc	 $m\overset{\frown}{TY} = 70$ $m\overset{\frown}{TOY} = 290$
Sector of a Circle