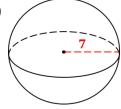
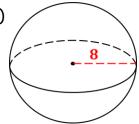
<u>C.O.</u> :
L.O.:
<u>Spheres:</u>
A sphere with O and r is the set of all points in a space at a distance from point
Many of the terms used with spheres are the same as those used with circles:
\overline{OA} , \overline{OB} , and \overline{OD} are
\overline{BD} is a
\overline{BC} is a
\overrightarrow{BC} is a
\overrightarrow{AT} is a
\overline{AT} is a
Theorem 12-9: The area of a sphere equals
Equation:
Theorem 12-10: The volume of a sphere equals
Equation:
<u>Practice</u> : Find the Area and Volume of the following Spheres.
1.)

Group Practice: Find the Area and Volume of the following Spheres in your groups.

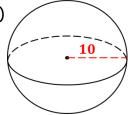
1.)

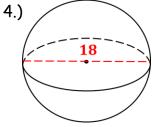


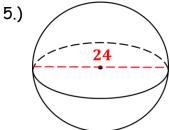
2.)



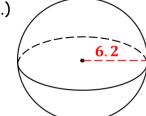
3.)







6.)



- 7.) A sphere has diameter 15.6. Find the area and volume.
- $\frac{1372\pi}{3}$. Find the radius and the area.
- 8.) A sphere has a volume of [9].) A sphere has an area of 144π . Find the radius and volume.