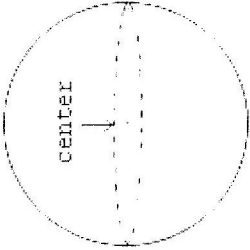


Notes on Spheres

Verbal Description	Diagram
<p>A sphere is the set of points that are equidistant from a special point in space.</p> <p>The distance between a point on the surface of a sphere and the center is the radius.</p>	 <p>Remember: $d = 2r$</p>
Surface Area	Volume
<p>Surface Area = $4 \pi r^2$</p> <p>Find the S.A. if $r = 3$ units.</p>	<p>Volume = $\frac{4}{3} \pi r^3$</p> <p>Find the volume if $d = 10$ units.</p>