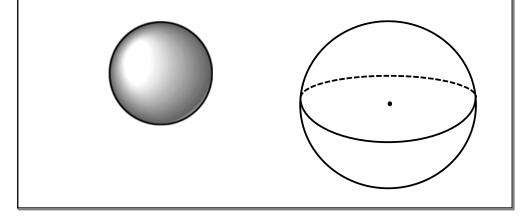
12-7 Surface Areas of Spheres

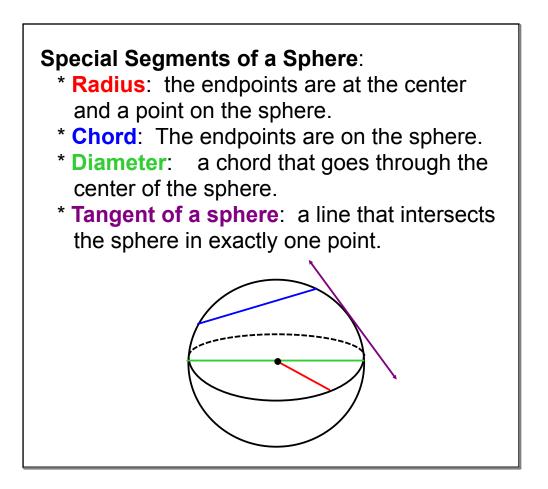
Sphere:

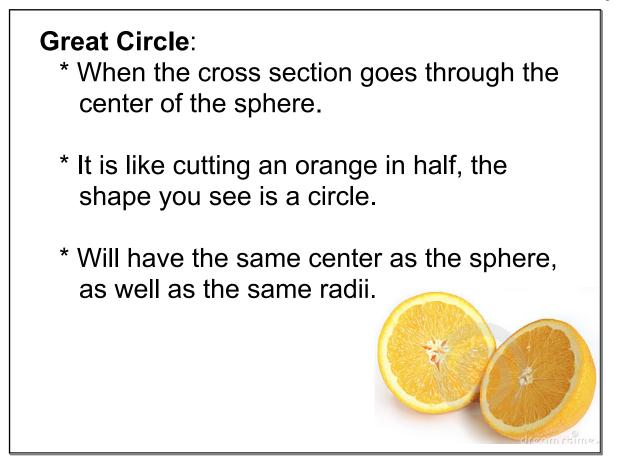
* A 3-dimensional figure.

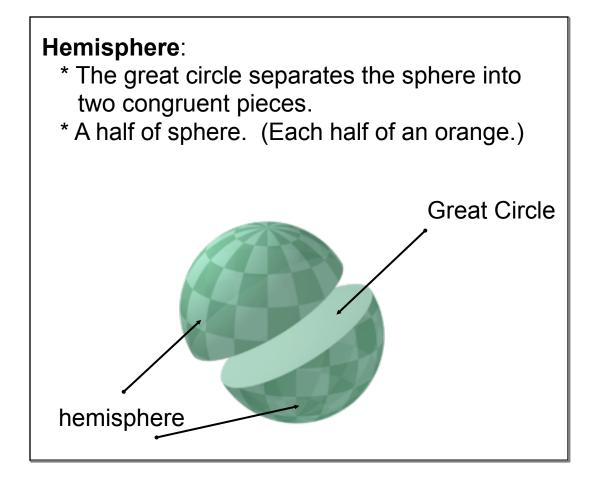
* Appearance of a an orange or tennis ball.

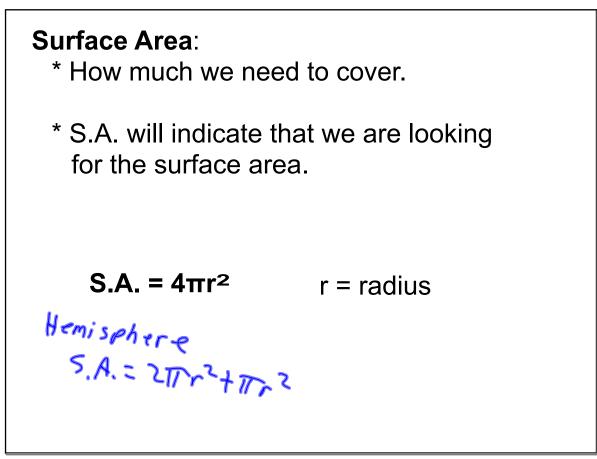
* In space the set of all points that are the same distance from a given point.

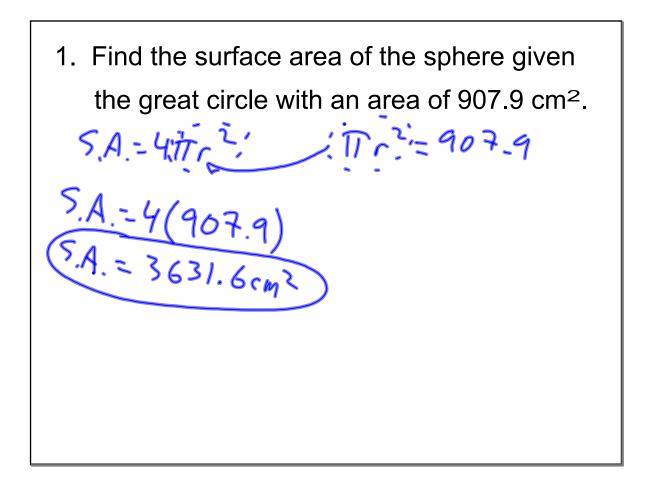












2. Find the surface area of a hemisphere with a radius of 3.8 inches. $S_{A_1} = 2\pi r^2 + \pi r^2$ $5.A. = 2\pi(3.8)^2 + \pi(3.8)^2$ S.A. = 90,72919++45.3645 S.A. = 136.11,2

