Volume of Sphere



 $(r/3) \times (surface area of sphere) = r/3 (area of all the bases put together$

If we need to find the area off all the bases than that is the same as the surface area of the entire sphere and the equation for the surface area of a sphere is $4\pi r^2$

 $(r/3) \times (surface area of sphere) or (r/3) 4\pi r^{2}$

Volume of the sphere = $\frac{4}{3}\pi r^{-3}$



Find the volume of each