

3.3 solids

1. $\frac{4000}{3}\pi ft^3$ or about $4188.8 ft^3$
2. about $14,657,000 mi^2$
3. $r = 6366 km$, and $S = 509,260,000 km^2$
4. $90\pi ft^3$ or about $282.7 ft^3$
5. $V = 2827 cm^3 = 2.827 L$
6. $23.04 ft^3$
7. $9114.8 ft^3$