

Answers

1. $14\pi \approx 44.0 \text{ yd}^3$
2. $36\pi \approx 113.1 \text{ ft}^3$
3. $50\pi \approx 157.1 \text{ cm}^3$
4. $132\pi \approx 414.7 \text{ in.}^3$
5. $\frac{340}{9\pi} \approx 12.0 \text{ ft}$
6. $\sqrt{\frac{2814}{4.7\pi}} \approx 13.8 \text{ cm}$
7. $\frac{28.26}{\pi} \approx 9 \text{ cm}$
8. The volume is 27 times greater.
9. about 42.45 in.^3
10. 13.5 in.