

Answers

$$1. \frac{1575\pi}{4} \approx 1237.0 \text{ ft}^3$$

$$2. 40\pi \approx 125.7 \text{ in.}^3$$

$$3. 108\pi \approx 339.3 \text{ yd}^3$$

$$4. 1458\pi \approx 4580.4 \text{ in.}^3$$

$$5. \frac{25}{2.25\pi} \approx 4 \text{ in.}$$

$$6. \sqrt{\frac{7599}{20\pi}} \approx 11 \text{ m}$$

Answers

7. $256\pi \approx 804.2 \text{ m}^3$

8. $\frac{40}{3}\pi \approx 41.9 \text{ cm}^3$

9. $\frac{3052}{27\pi} \approx 36.0 \text{ in.}$

10. $2304\pi \approx 7238.2 \text{ ft}^3$

11. 21 in.

12. $360\pi \approx 1131.0 \text{ m}^3$

13. 132 ft^3

14. $16\pi + \frac{16\pi}{3} = \frac{64\pi}{3} \approx 67.0 \text{ cm}^3$

15. 576 m^3

16. 86.6 yd^2