

Answers

1. $\frac{2048\pi}{3} \approx 2144.7 \text{ in.}^3$

2. $\frac{16,384\pi}{3} \approx 17,157.3 \text{ cm}^3$

3. 15 yd

4. 2 ft

5. $768\pi + 192\pi = 960\pi$
 $\approx 3015.9 \text{ ft}^3$

6. yes

7. $w = 2.5 \text{ in.}$
 $h = 5 \text{ in.}$

8. 75.36 m^2

9. $\frac{32\pi}{3} \approx 34 \text{ cm}^3$

10. 48 in.^3

11. $38\pi \approx 119.4 \text{ mm}^3$