

$$1. \frac{8}{3} \pi \mu n^3$$

$$2. x^3 \mu n^3$$

$$3. \frac{8}{3} \pi x^3 \mu n^3$$

$$4. \frac{125}{3} x^3 \mu n^3$$

$$5. SA = 48\pi \mu n^2$$

$$6. SA = 9 + 9\sqrt{3} \mu n^2$$

$$7. SA = 6.25\sqrt{3} + 7.5\sqrt{42.75} \mu n^2$$

$$8. SA = 16\pi \mu n^2$$

$$9. \approx 1.14 \text{ cm}$$

$$\sqrt[3]{\frac{3}{2}}$$

$$10. V = 1728 - 288\pi \text{ cm}^3$$

$$11. V = 154 \frac{2}{3} \pi \text{ in}^3$$

$$12. V = 9333 \frac{1}{3} \pi \text{ in}^3$$

$$13. V = 128\pi \text{ cm}^3$$

$$14. V = 0.09375\sqrt{3} - \frac{1}{64}\pi \text{ in}^2$$

$$15. \frac{\pi}{6}$$

$$16. V = 10 \frac{5}{12} \pi \mu n^3$$

$$17. V = 1464 \pi \text{ in}^3$$