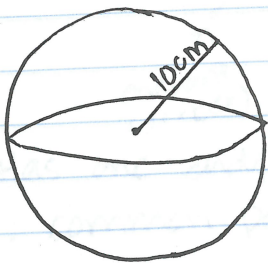


⊙ Volume - Spheres

$$V = \frac{4}{3} \pi r^3 \quad \text{or} \quad V = \frac{4\pi r^3}{3}$$

Ex.

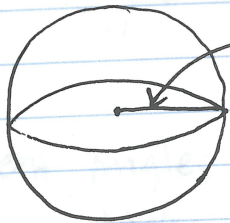


$$V = \frac{4(3.14)(10^3)}{3}$$

$$V = \frac{12560}{3}$$

$$V = 4,186.\bar{6} \text{ cm}^3$$

Ex.



$$\text{sin } V = \frac{4\pi r^3}{3}$$

$$V = \frac{4(3.14)(5^3)}{3}$$

$$V = \frac{1570}{3}$$

$$V = 523.\bar{3} \text{ in}^3$$