

Frustum of Right Circular Cone

$$\text{Volume} = \frac{1}{3}\pi(r_1^2 + r_1r_2 + r_2^2)h$$

$$\text{Slant Height } s = \sqrt{(r_2 - r_1)^2 + h^2}$$

$$\text{Lateral Surface Area} = \pi(r_1 + r_2)s$$

$$\text{Total Surface Area} = \pi r_1^2 + \pi r_2^2 + \pi(r_1 + r_2)s$$

