## Surface Area and Volume of Conical Frustums (F)

Calculate the surface area and volume for each conical frustum.

Surface Area =  $\pi (r_1 + r_2)\sqrt{(r_1 - r_2)^2 + h^2} + \pi r_1^2 + \pi r_2^2$  Volume =  $\frac{\pi}{3}h(r_1^2 + r_2^2 + r_1r_2)$ 





## Surface Area and Volume of Conical Frustums (F) Answers

Calculate the surface area and volume for each conical frustum.

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Volume:  $24,216 \text{ m}^3$ 

3.





Volume:  $23,750 \,\mathrm{nm^3}$