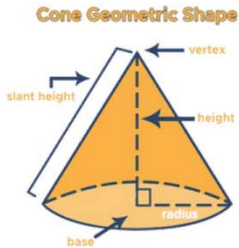


Name :

Class :

Surface Area of Cones

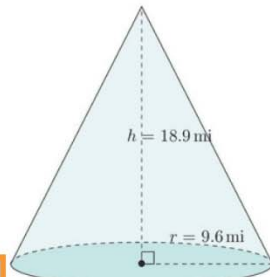


The Surface area of a cone is the total area covered by its surface these formula as given in figure.

A Closed Cone	An Open Cone
 Area $\pi r (r + \sqrt{r^2 + h^2})$	 Area $\pi r \sqrt{r^2 + h^2}$

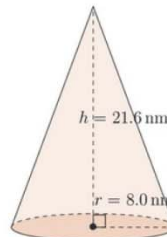
Calculate the surface area for each cone.

1)



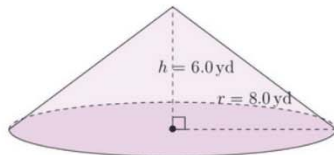
928.9 mi²

2)



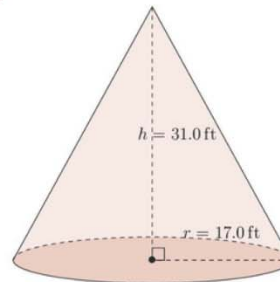
780.0 nm²

3)



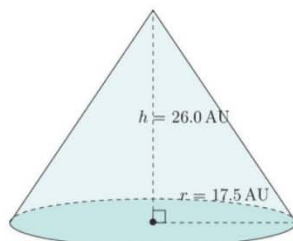
452.4 yd²

4)



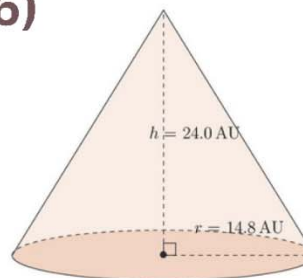
2796.1 ft²

5)



2685.2 AU²

6)



1999.1 AU²