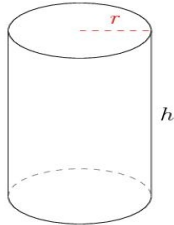


Area and Volume of Cylinders (A)

Calculate the surface area and volume for each cylinder.

Surface Area = $(\pi r^2 \times 2) + (\pi d \times h)$ Volume = $\pi r^2 \times h$ $d = 2r$

1.

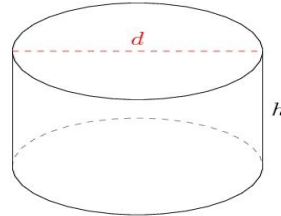


$r = 1.2 \text{ km}$ $h = 3.6 \text{ km}$

Surface Area =

Volume =

2.

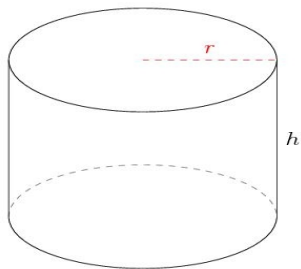


$d = 12.6 \text{ cm}$ $h = 7.5 \text{ cm}$

Surface Area =

Volume =

3.

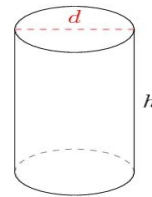


$r = 18 \text{ ft}$ $h = 27.2 \text{ ft}$

Surface Area =

Volume =

4.



$d = 12 \text{ m}$ $h = 18.6 \text{ m}$

Surface Area =

Volume =