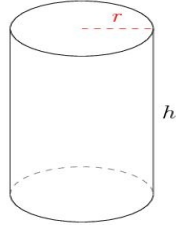


Area and Volume of Cylinders (A)

Calculate the surface area and volume for each cylinder.

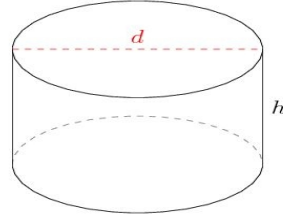
Surface Area = $(\pi r^2 \times 2) + (\pi d \times h)$ Volume = $\pi r^2 \times h$ $d = 2r$

1.



$r = 1.2 \text{ km}$ $h = 3.6 \text{ km}$
 Surface Area =
 Volume =

2.

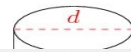


$d = 12.6 \text{ cm}$ $h = 7.5 \text{ cm}$
 Surface Area =
 Volume =

3.



4.



This block contains a large rectangular area. The top half is a light gray background. The bottom half is a blue background representing water. In the water, there is a small boat with a white cabin and a red roof. To the right of the boat, there is a diagram of a rectangular prism with dashed lines indicating its 3D structure. The prism is labeled with '10 ft' for length, '8 ft' for width, and '6 ft' for height. Below the water, there is some faint, partially obscured text that appears to be a math problem involving a rectangular prism.