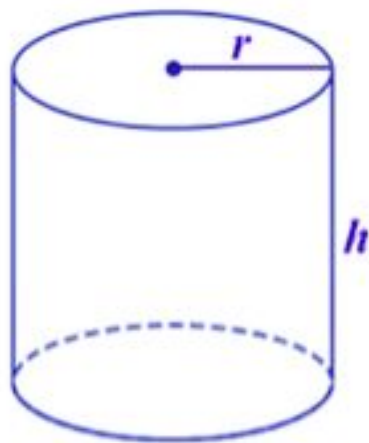


## SURFACE AREA OF A CYLINDER



To find the total surface area of a cylinder, we sum up the areas of each shape that makes up the surface of the object.

By “unfolding” the cylinder, we find that the total surface area of a cylinder is:

$A = \text{Area of the base and top} + \text{Area of wall}$

$$A = 2 \times (\pi R^2) + 2 \pi R h$$

$$\mathbf{A = 2 \pi R (R + h)}$$

# SURFACE AREA OF CYLINDER

