

RD Sharma Solutions for Class 9 Maths Chapter 19 Surface Area and Volume of A Right Circular Cylinder

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Exercise VSAQs

Question 1: Write the number of surfaces of a right circular cylinder.

Solution:

There are 3 surfaces in a cylinder.

Question 2: Write the ratio of total surface area to the curved surface area of a cylinder of radius r and height h.

Solution:

Ratio of total surface area to the curved surface area of a cylinder of radius r and height h can be written as:

 $\frac{\text{Total surface area of a cylinder}}{\text{Curved surface area of a cylinder}} = \frac{[2\pi r(h+r)]}{2\pi r^2} = \frac{h+r}{r}$