

Exercise VSAQs

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**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:

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