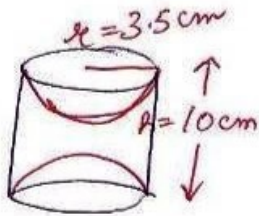


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ex. 13.1

$$\begin{aligned}
 &\text{total s.A of solid} \\
 &= \text{CSA of 2 h.s} \\
 &\quad + \text{CSA of cylinder} \\
 &= 2 \times 2\pi r^2 + 2\pi rh \\
 &= 2\pi r(2r + h) \\
 &= \frac{2 \times 22}{7} \times 3.5(7 + 10) \\
 &= 22 \times 17 \\
 &= 374 \text{ cm}^2
 \end{aligned}$$