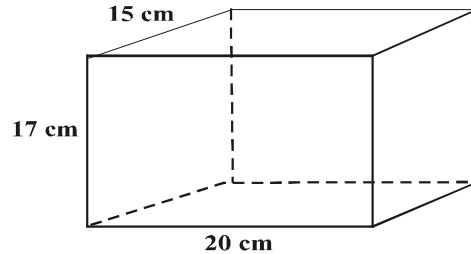
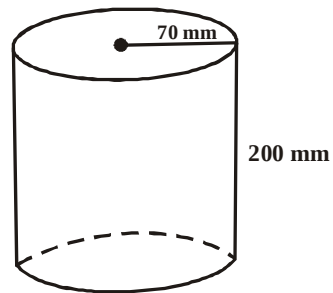


- (1) Calculate the volume of the following prism.
Where necessary, round off correct to the nearest integer and give the answer in cm units.



$$\begin{aligned}\text{Volume} &= L \times B \times H \\ &= 20 \text{ cm} \times 15 \text{ cm} \times 17 \text{ cm} \\ &= 5\,100 \text{ cm}^3\end{aligned}$$

- (2) Calculate the surface area of the cylinder.
Where necessary, round off correct to one decimal and give the answer in cm units.



$$\begin{aligned}\text{Surface area} &= 2\pi r(r + H) \\ &= 2\pi(70 \text{ mm})(70 \text{ mm} + 200 \text{ mm}) \\ &= 2\pi(70 \text{ mm})(270 \text{ mm}) \\ &= 118\,752,2023 \text{ mm}^2 \\ &= 1\,187,522023 \text{ cm}^2 \\ &\approx 1\,187,5 \text{ cm}^2\end{aligned}$$