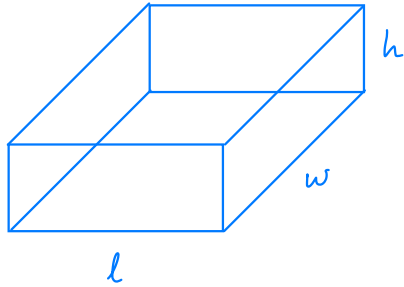
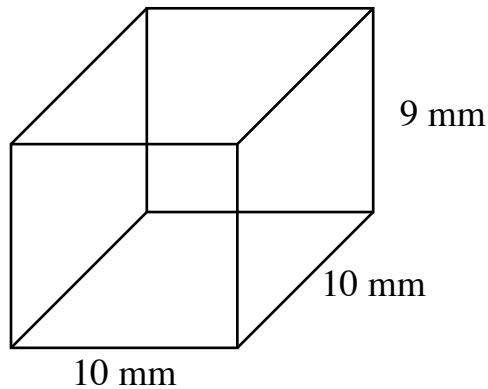


Surface Area of a Cuboid (A)

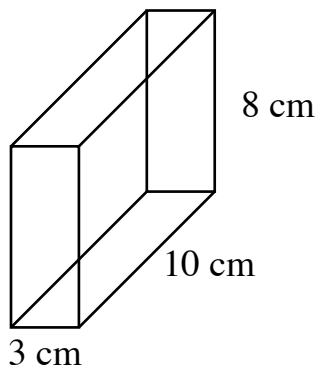


$$\text{Surface Area} = 2lw + 2lh + 2wh$$



Find the surface area.

$$\begin{aligned} SA &= 2(10 \times 10) + 2(10 \times 9) + 2(10 \times 9) \\ &= 2(100) + 2(90) + 2(90) \\ &= 200 + 180 + 180 \\ &= 560 \text{ mm}^2 \end{aligned}$$



Find the surface area.

$$\begin{aligned} SA &= 2(3 \times 10) + 2(3 \times 8) + 2(10 \times 8) \\ &= 2(30) + 2(24) + 2(80) \\ &= 60 + 48 + 160 \\ &= 268 \text{ cm}^2 \end{aligned}$$