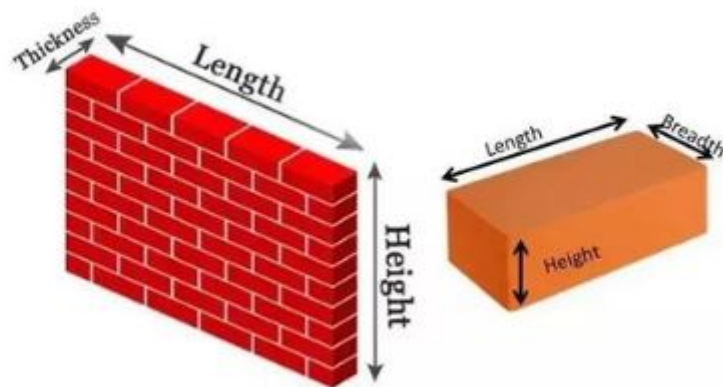


### Calculation of Bricks in a wall



Size of the brick =  $190\text{mm} \times 90\text{mm} \times 90\text{mm}$

Length of the wall (L) =  $2500\text{mm}$

height of the wall (H) =  $10000\text{mm}$

Thickness of the wall (B) =  $230\text{mm}$

Volume of the wall =  $L \times B \times H$

$$= 2500 \times 10000 \times 230$$

$$= 5750 \times 10^6 \text{ mm}^3$$

Volume of the brick size =  $190\text{mm} \times 90\text{mm} \times 90\text{mm}$

$$= 1539 \times 10^3 \text{ mm}^3$$

Number of bricks =  $\frac{\text{Volume of the wall}}{\text{Volume of the brick size}}$

$$= \frac{5750 \times 10^6}{1539 \times 10^3}$$

$$= 3736 \text{ bricks.}$$