

length of box = 
$$36 - (6+6)$$
  
=  $24 cm$   
breadth of box =  $24 - (6+6)$   
=  $24 - 12$   
=  $12 cm$   
height of box =  $6 cm$   
volume of box =  $12 cm$   
=  $24 \times 12 \times 6$   
=  $1728 cm^3$ 

CBSE HOTS IX, S. A. Volumes

Solutions by Dev Anoop (Bathinda)

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