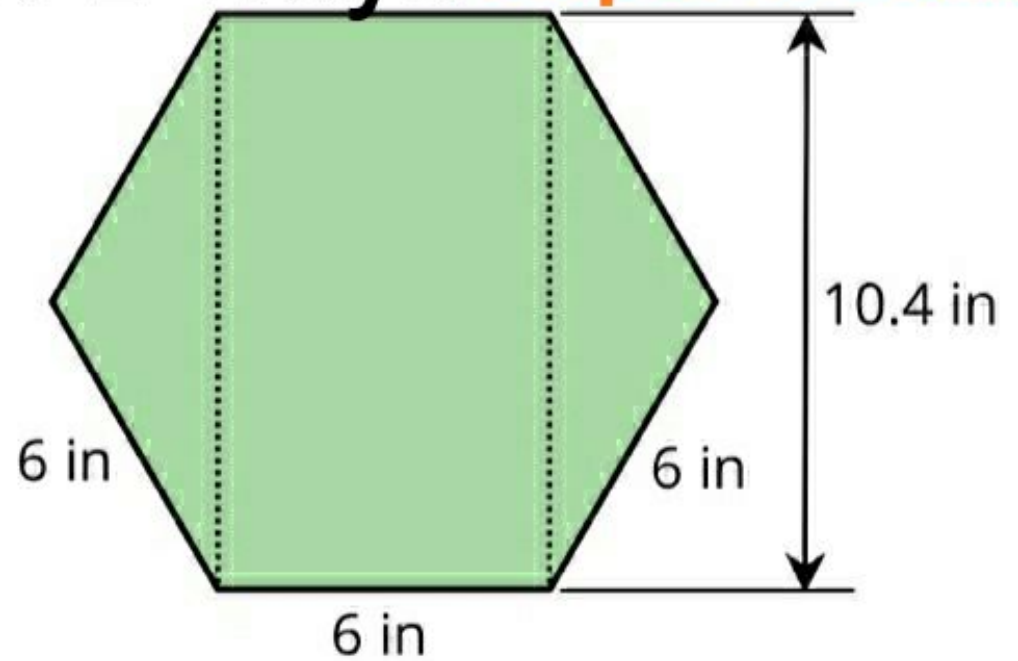
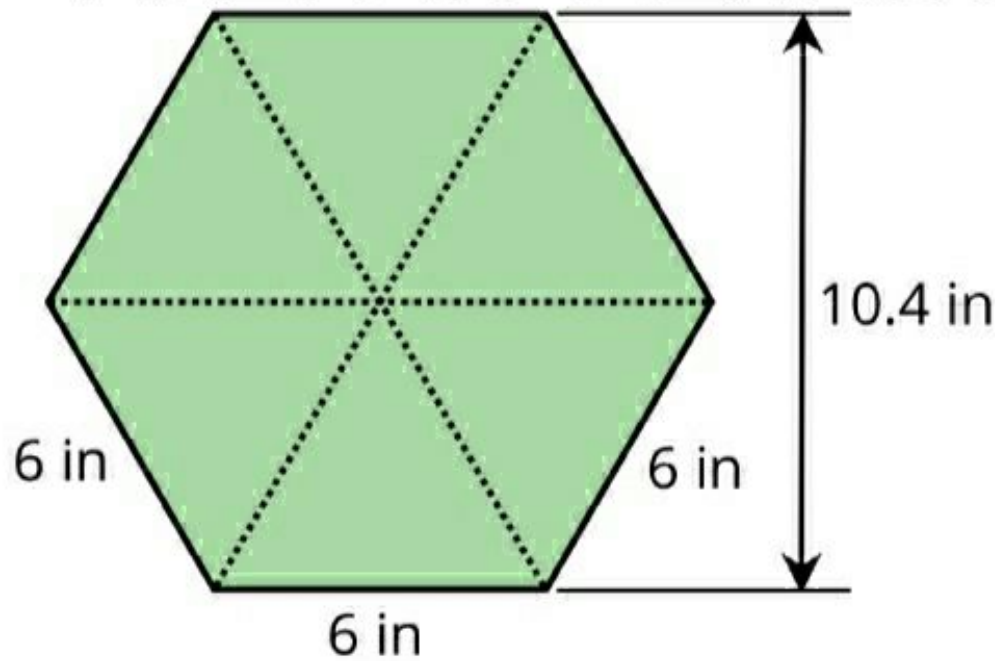


# AREA OF HEXAGON-2 Ways Paper Cutting



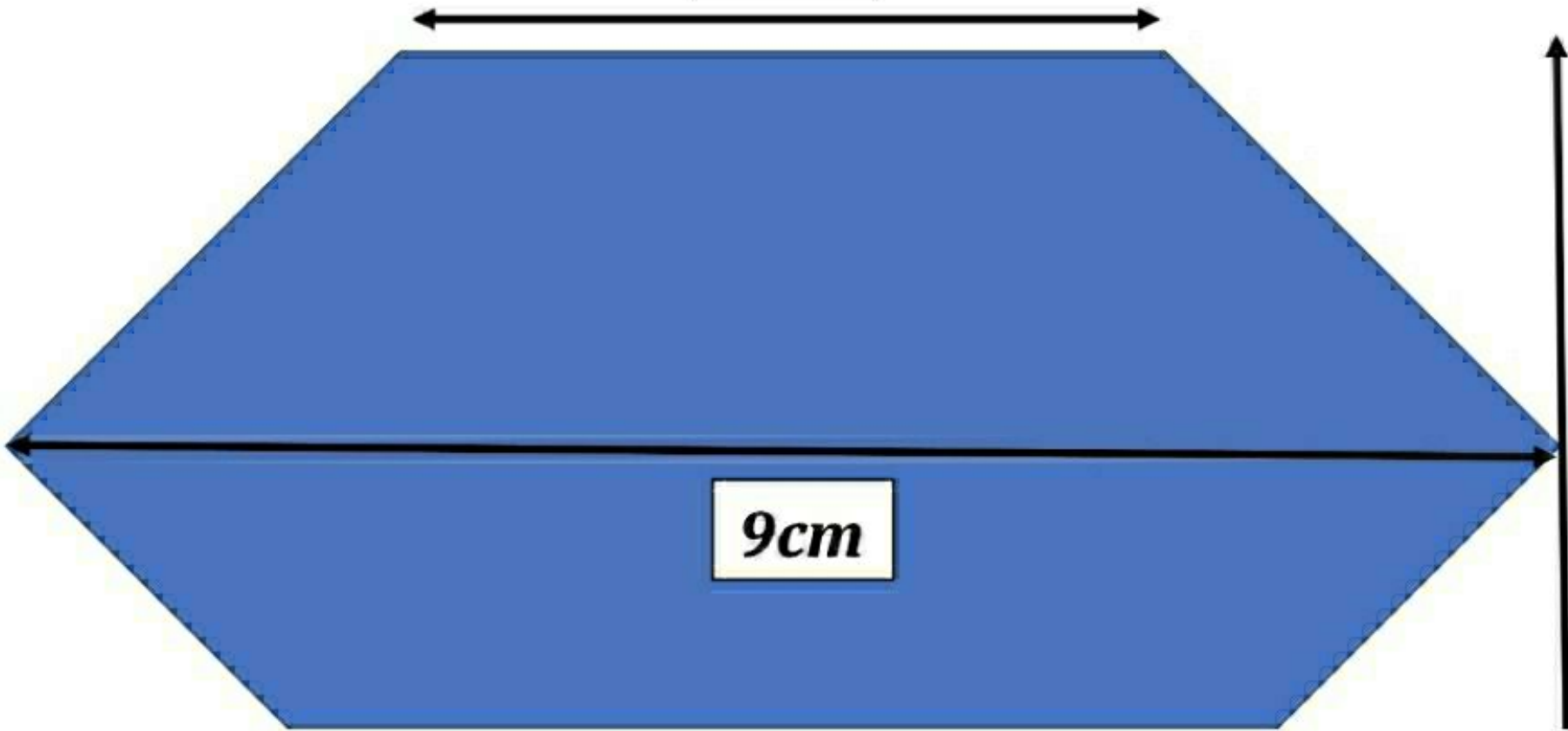
2. Find the perimeter of the hexagon

**4cm**

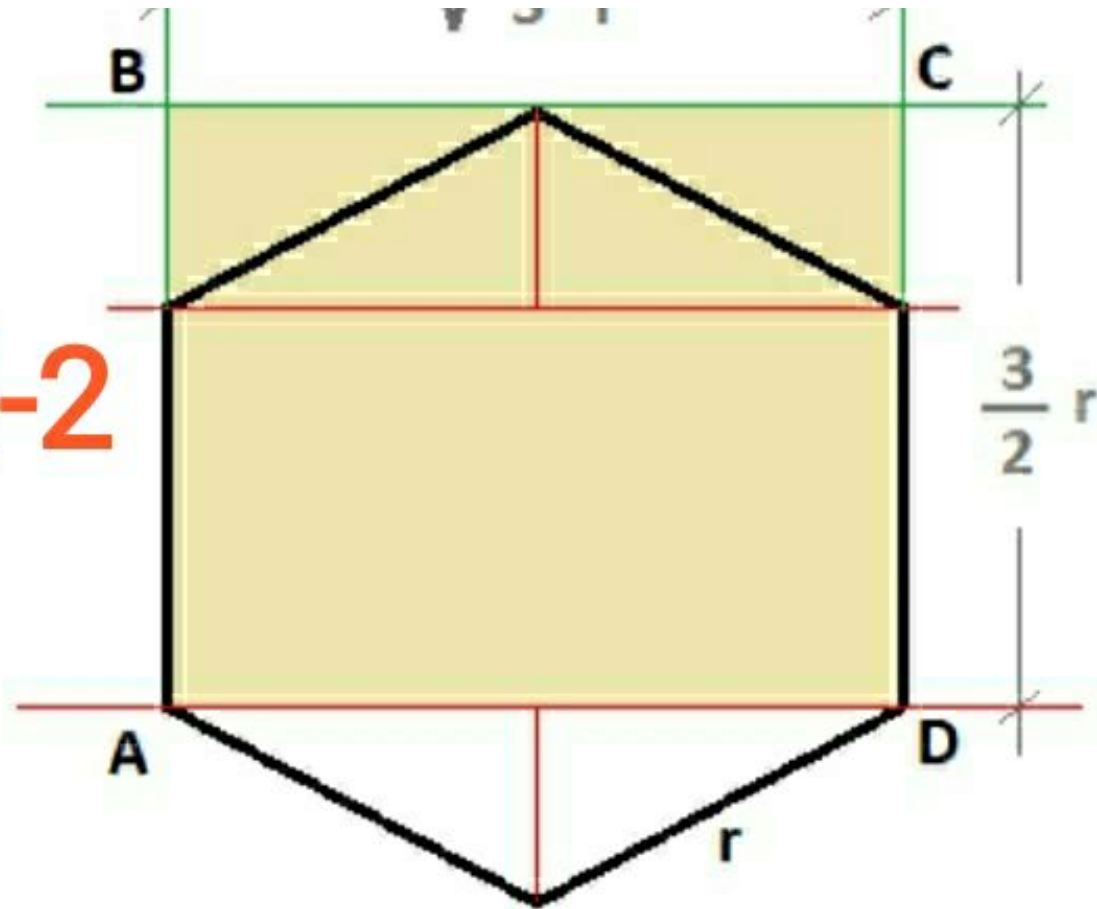
**Method-1**

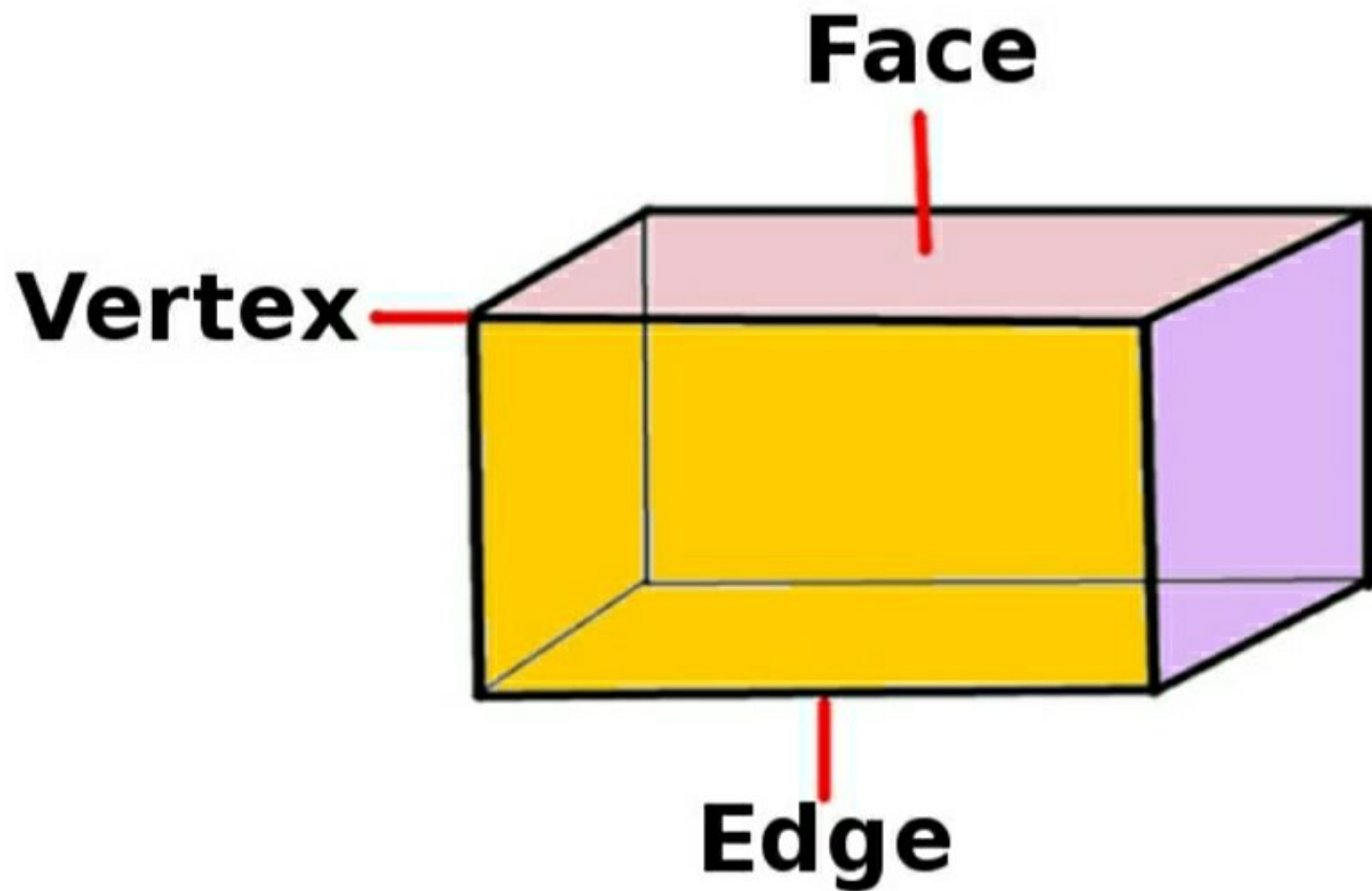
**6cm**

**9cm**



# Method-2

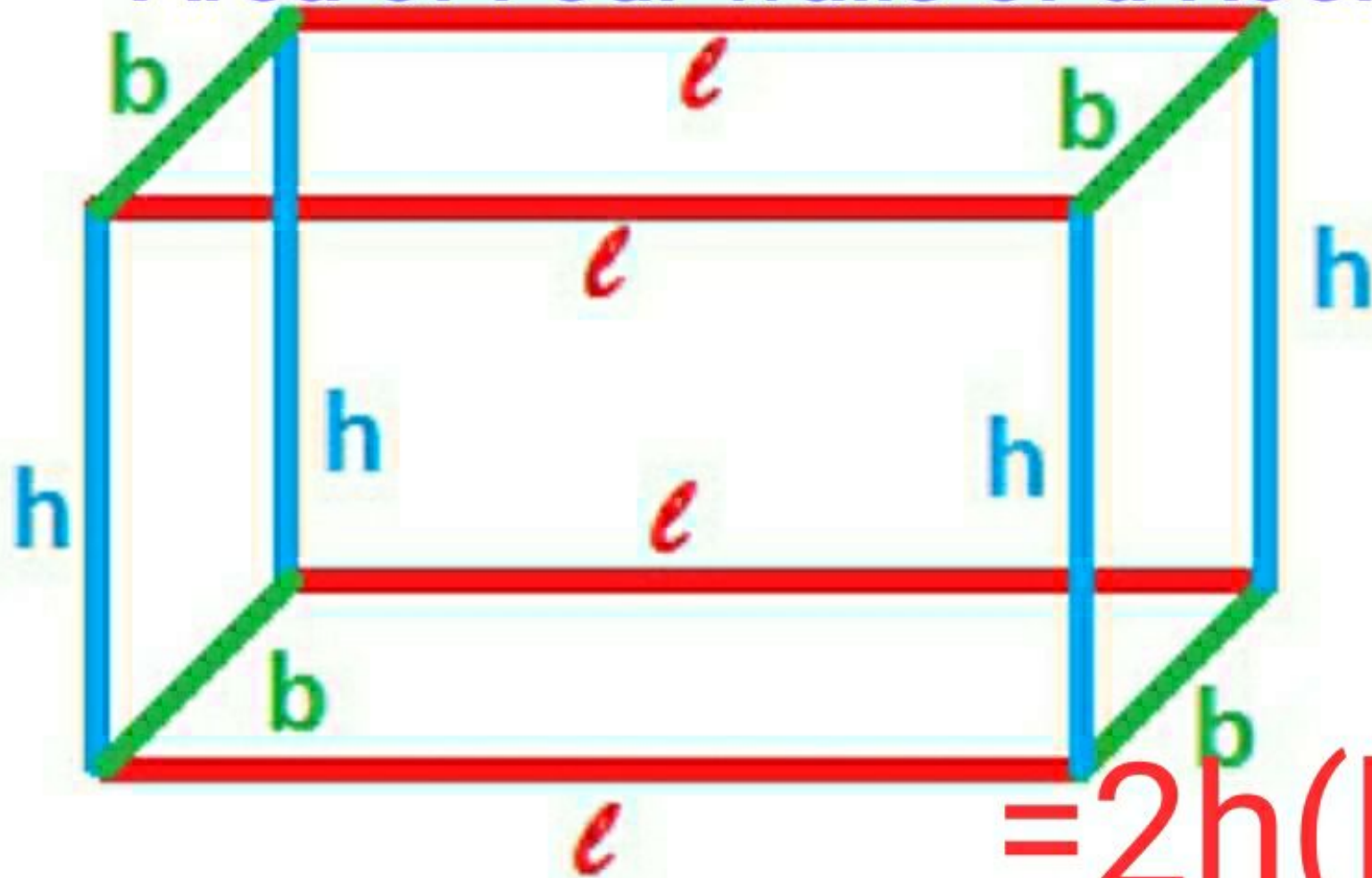




## Cuboid

- 6 Faces
- 8 Vertex
- 12 Edges

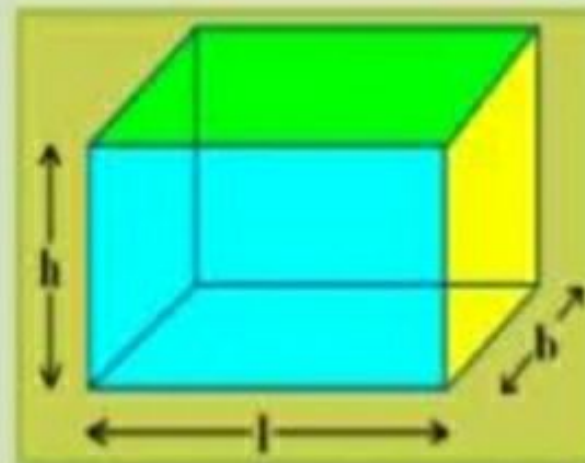
## Area of Four walls of a Room



$$= 2h(l+b)$$

# SURFACE AREA AND VOLUME OF CUBOID

- ❖ *Face Areas,  $x = l \times b; y = b \times h; z = l \times h$*
- ❖  *$LSA = 2(l + b)h$*
- ❖  *$TSA = 2(x + y + z) = 2(lb + bh + lh)$*
- ❖  *$Volume = l \times b \times h = \sqrt{xyz} = xh = yl = zb$*
- ❖  *$Body\ Diagonal = \sqrt{l^2 + b^2 + h^2}$*



LSA – Lateral Surface Area (Area of four walls)

TSA – Total Surface Area = LSA + Top & Bottom

Surfaces