TEMA 10: CUERPOS DE GEOMÉTRICOS: Prisma y pirámide

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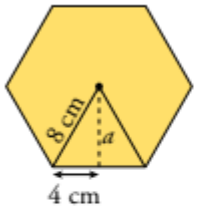


$a = \sqrt{8^2 - 4^2} \approx 6{,}93$ cm

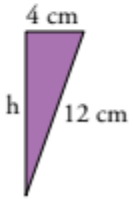
$A_{BASE} = \dfrac{8 \cdot 6{,}93}{2} \cdot 6 = 166{,}32$ cm^2

$A_{LATERAL} = 6 \cdot 8 \cdot 10 = 480$ cm^2

$A_{TOTAL} = 2 \cdot 166{,}32 + 480 = 812{,}64$ cm^2

Ⓑ $A_{BASE} = 166{,}32$ cm^2

Apotema de la pirámide = h = $\sqrt{12^2 - 4^2} \approx 11{,}31$ cm



$A_{LATERAL} = \dfrac{8 \cdot 11{,}31 \cdot 6}{2} = 271{,}44$ cm^2

$A_{TOTAL} = 166{,}32 + 271{,}44 = 437{,}76$ cm^2