

INSTITUTO PRIVADO RAFAEL ARÉVALO MARTÍNEZ

IPRAM

JAVIER HUMBERTO VILLATORO OCHOA

4to Perito en Admón. de Empresas

Catedra: Matemática

Catedrático: Sandra Días

Tarea #6

Ciclo Escolar:

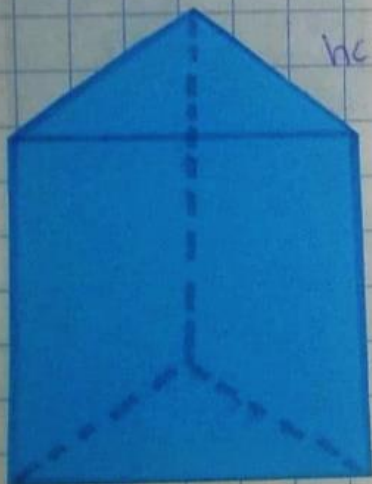
2,021



Javier Villatoro

Volumen

Nombrar que Prisma es y encontrar su volumen,



$$h = 8 \text{ cm}$$

Prisma triangular

$$Ab = \frac{4 \times 3}{2}$$

$$Ab = 6 \text{ cm}^2$$

$$h = 8 \text{ cm}$$

$$V = 6 \times 8$$

$$V = 48 \text{ cm}^3$$

$$B = 4 \text{ cm}$$



$$h = 9 \text{ cm}$$

$$Ab_{\text{Octo}} = 5 \text{ cm}$$

Prisma octagonal

$$Ab = \frac{16 \times 5}{2}$$

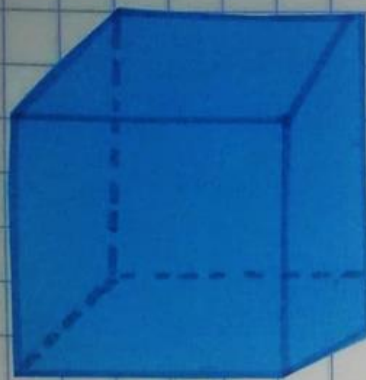
$$Ab = 40 \text{ cm}^2$$

$$V = 40 \times 9$$

$$V = 360 \text{ cm}^3$$

$$\text{lado} = 2 \text{ cm}$$

Javier Villaloro.



b = 8cm

hc = 8cm

Cubo

$$Ab = 8 \times 8$$

$$Ab = 64 \text{ cm}^2$$

$$V = 64 \times 8$$

$$V = 512 \text{ cm}^3$$

h = 8cm



Lado = 7cm

hc = 12cm

Prisma hexagonal

$$Ab = \frac{21 \times 6}{2}$$

$$A_{Pol\text{ hex}} = 63 \text{ cm}^2$$

$$V = 63 \times 12$$

$$V = 756 \text{ cm}^3$$



h = 2cm

b = 6cm

hc = 10cm

$$Ab = 2 \times 6$$

$$Ab = 12 \text{ cm}^2$$

$$V = 12 \times 10$$

$$V = 120 \text{ cm}^3$$

Prisma Rectangular