

Semana 6

- Prisma Triangular



$$V = Ab \times hc$$

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

$$Ab = \frac{b \times h}{2}$$

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

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

$$V = 6 \times 8$$

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

- Prisma Octagonal



$$Ab = \frac{P \times a}{2}$$

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

$$Ab = \frac{4 \times 5}{2}$$

Eloy

Maldonado.

$$\text{Apothema: } 6 \text{ cm}$$

$$Ab = 10 \text{ cm}^2$$

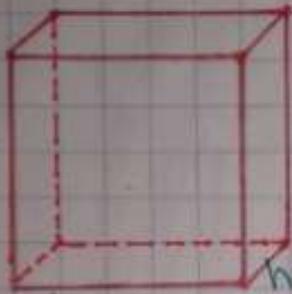
$$V = Ab \times hc$$

$$V = 10 \times 9$$

$$V = 90 \text{ cm}^3$$

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

- Cubo



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

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

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

$$V = Ab \times h$$

$$Ab = 1 \times 1$$

$$Ab = 8 \times 8$$

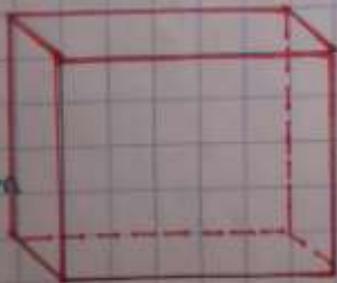
$$Ab = 64\text{cm}^2$$

$$Ab = 64 \times 8$$

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

Eloy Maldonado

- Prisma Rectangular



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

$$b = 6\text{cm}$$

$$h = 10\text{cm}$$

$$V = Ab \times h$$

$$Ab = 1 \times 1$$

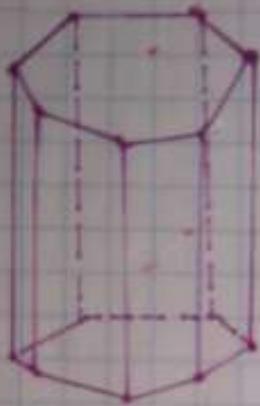
$$Ab = 6 \times 2$$

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

$$V = 12 \times 10$$

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

- Prisma Heptagonal



Lado, 3cm

hc = 12cm

$$Ab = \frac{9 \times 6}{2}$$

Apotema =
6cm

$$Ab = 27 \text{ cm}^2$$

$$V = Ab \times hc$$

$$V = 27 \times 12$$

$$V = 324 \text{ cm}^3$$

Eloy Maldonado

4to Añon