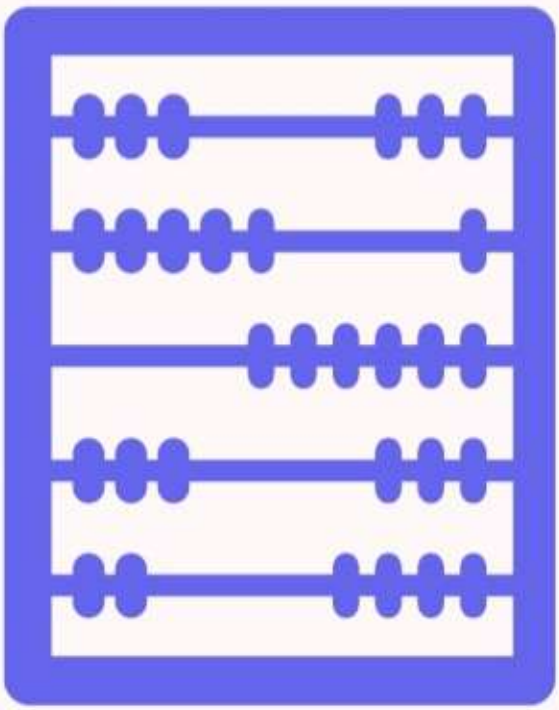
MATEMÁTICAS

Nombre: Kevin Rabanales

Grado: 4to Perito en Administración de Empresas

Profesora: Sandra Díaz

Tarea #6

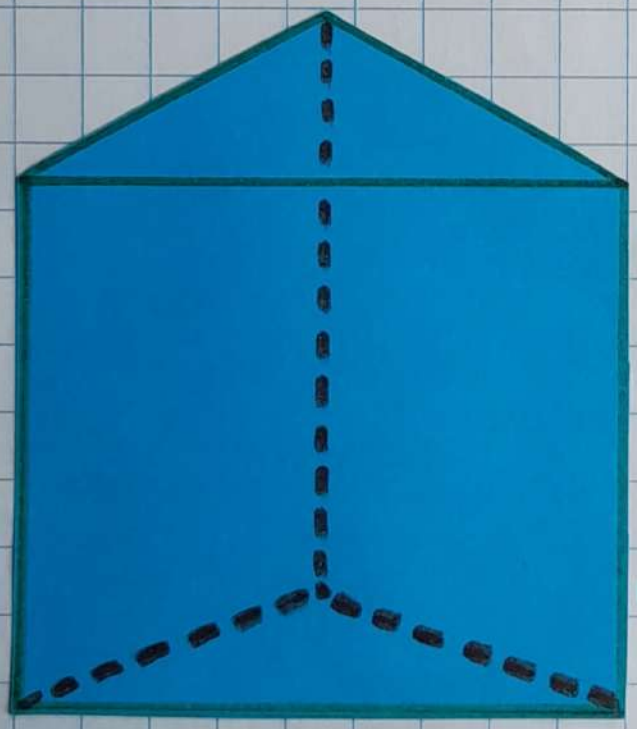


Kevin Rabanales | 4.to Admon

Tarea 6

Nombrar que prisma es y encontrar su volumen:

Prisma Triangular



$V = Ab \times hc$

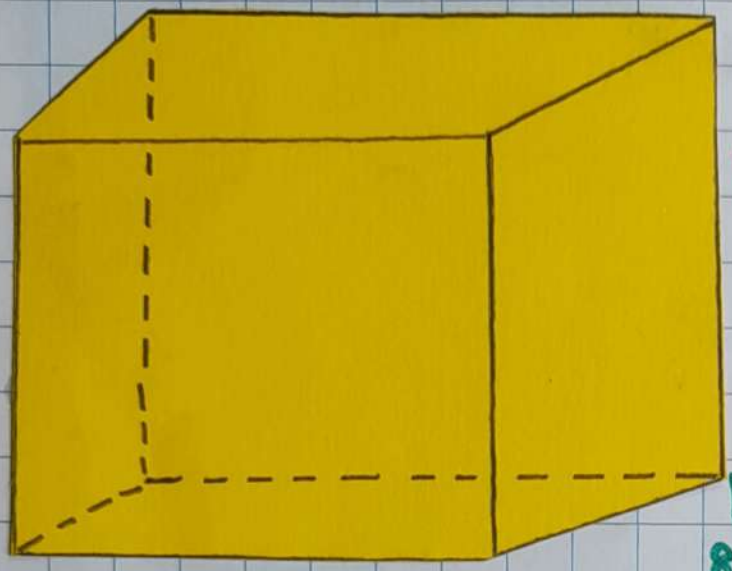
$Ab = \frac{4 \times 3}{2}$

$Ab = 6\,cm^2$

$V = 6 \times 8$

$V = 48\,cm^3$

Cubo



hc = 8 cm

h = 8 cm

b = 8 cm

$V = Ab * hc$

$Ab = 1 * 1$

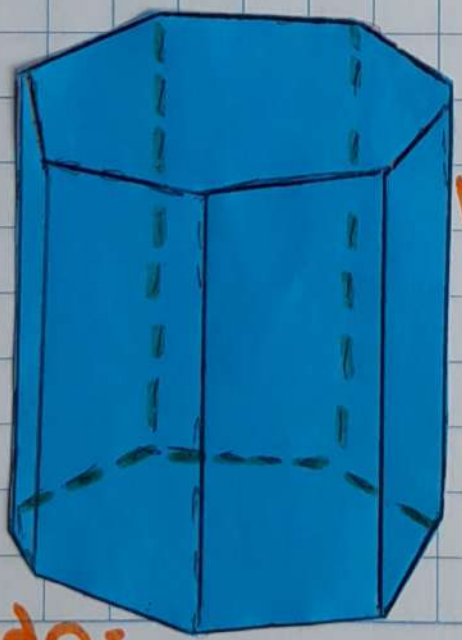
$Ab = 8 * 8$

$Ab = 64\ cm^2$

$V = 64 * 8$

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

Prisma heptagonal



hc = 12 cm

Apotema = 6 cm

Lado = 3 cm

$V = Ab * hc$

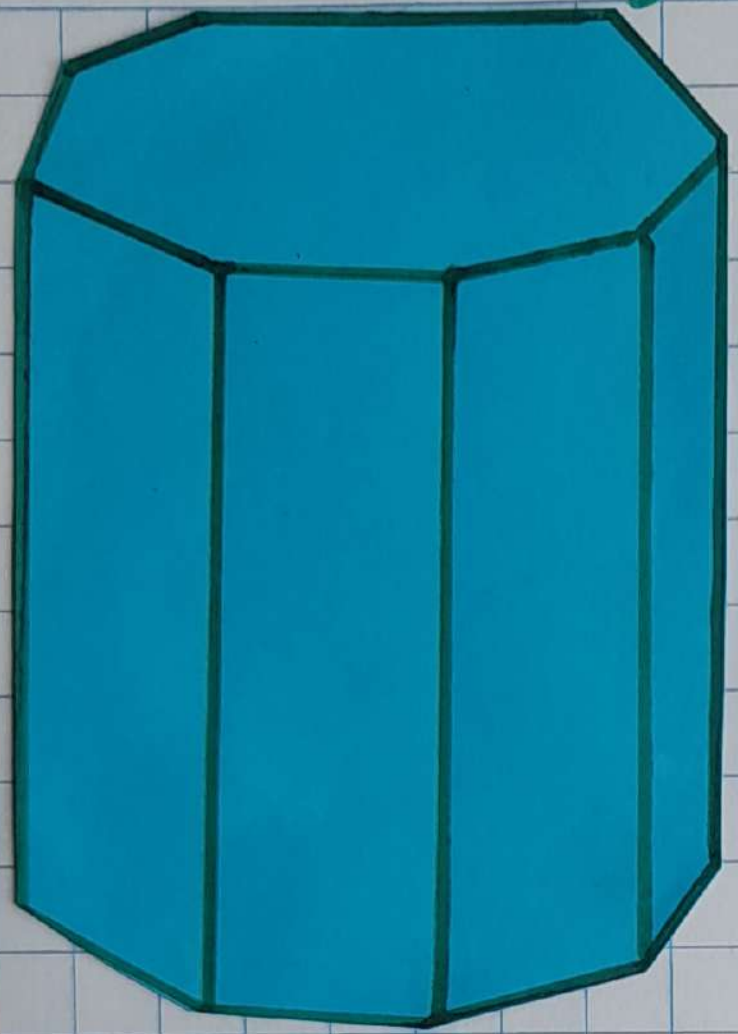
$Ab = \frac{21 * 6}{2}$

$Ab = 63\ cm^2$

$V = 63 * 12$

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

Prisma Octogonal



hc = 9 cm

Apotema 5 cm

Lado = 2 cm

$$V = Ab * hc$$

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

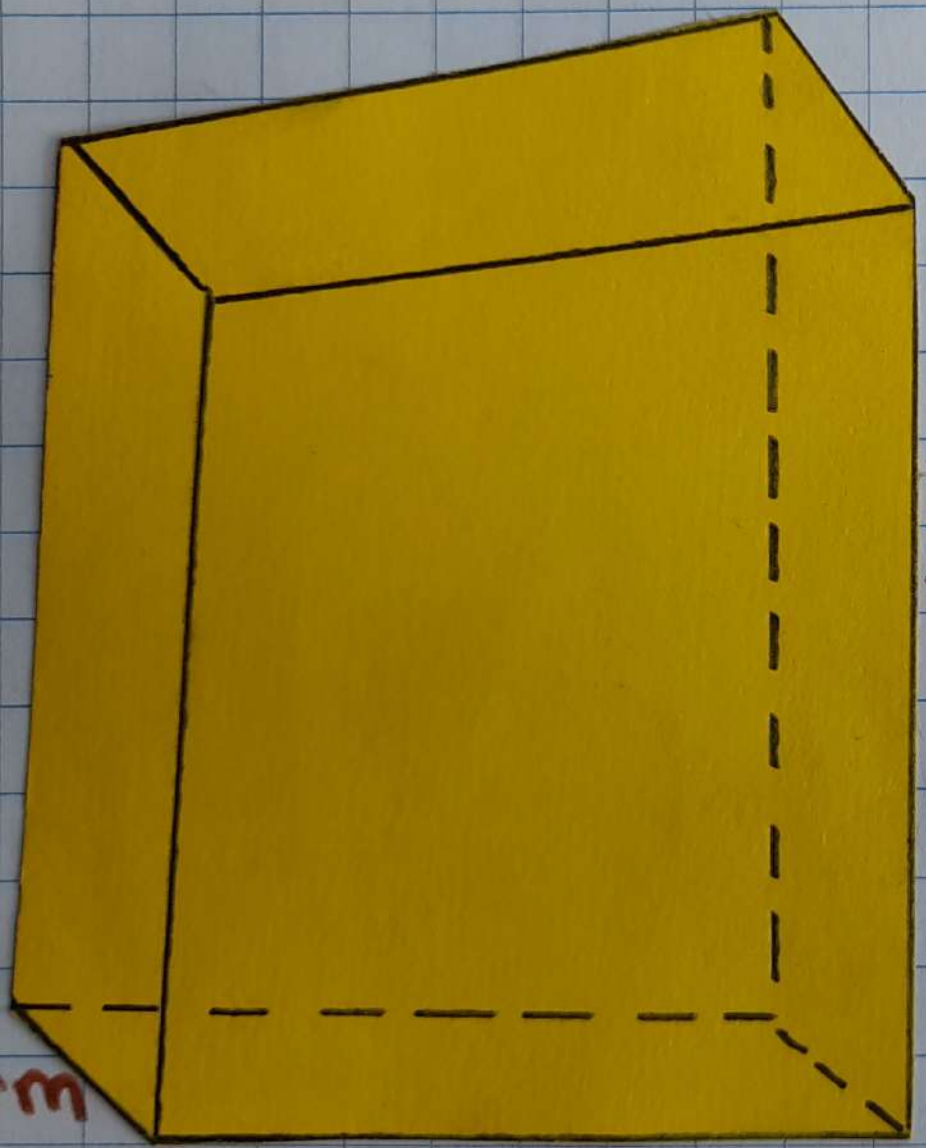
$$Ab = 40\ cm^2$$

$$V = Ab * hc$$

$$V = 40 * 9$$

$$V = 360\ cm^3$$

Prisma Cuadrangular



$V = Ab * hc$

$Ab* = 1 \times 1$

$Ab = 6 \times 2$

$Ab = 12$

$V = Ab * hc$

$V = 12 * 10$

$V = 120\ cm^3$