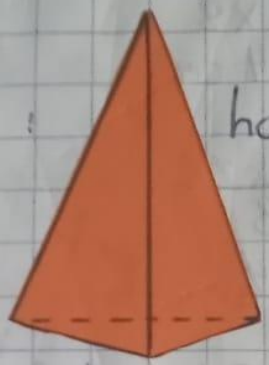
Ejercicio: Hallar el (peso) Volumen de las Siguientes pirámides.



hc = 9cm

h = 3cm

b = 5 cm

(Ab=) $V = Ab \times hc$

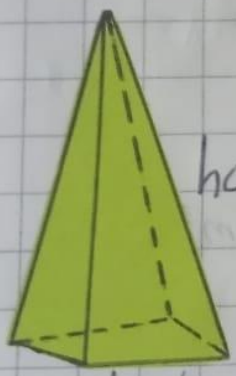
$Ab = 5 \times 3$

$Ab = 15 cm^2$

$V = \frac{15 \times 9}{3}$

$V = \frac{135}{3}$

$V = 45\ cm^3$



hc = 5 cm

h = 4cm

b = 6 cm

$V = \frac{Ab \times hc}{3}$

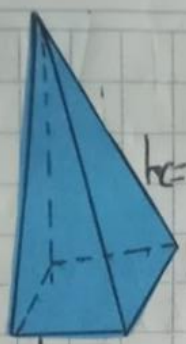
$Ab = 6 \times 4$

$Ab = 24\ cm^2$

$V = \frac{24 \times 5}{3}$

$V = \frac{120}{3}$

$V = 40\ cm^3$



$$V = \frac{Ab \times hc}{3}$$

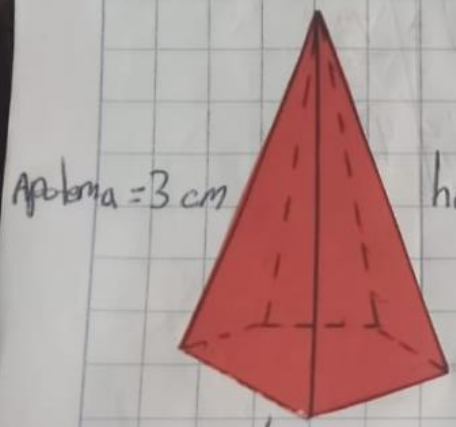
$Ab = 8 \times 8$

$Ab = 64\ cm^2$

$$V = \frac{64 \times 11}{3}$$

$$V = \frac{704}{3}$$

$V = 234.6\ cm^3$



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

$$Ab = \frac{28 \times 3}{2}$$

$$Ab = \frac{84}{2}$$

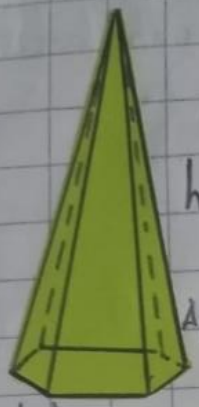
$Ab = 42\ cm^2$

$$V = \frac{Ab \times hc}{3}$$

$$V = \frac{42 \times 12}{3}$$

$$V = \frac{504}{3}$$

$V = 168\ cm^3$



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

$$Ab = \frac{20 \times 5}{2}$$

$$Ab = \frac{100}{2}$$

$$Ab = 50\ cm^2$$

$$V = \frac{Ab \times hc}{3}$$

$$\therefore V = \frac{50 \times 8}{3}$$

$$V = \frac{400}{3}$$

$$V = 133.3\ cm^3$$