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①

La suma de los ángulos internos de los cuadriláteros

c)  $180^\circ$

La suma de los ángulos interiores de un octágono

c)  $180^\circ$

La suma de los ángulos internos de un hexágono

c)  $180^\circ$

La suma de los ángulos internos de los triángulos

c)  $180^\circ$

La suma de los ángulos exteriores de los cuadriláteros

d)  $360^\circ$

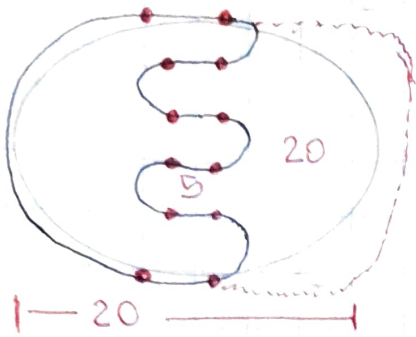
La suma de los ángulos interiores de un pentágono

c)  $180^\circ$

La suma de los ángulos interiores de un decágono.

c)  $180^\circ$

# Determinar el área



$$A = \pi r^2$$

$$A = (3.1416) (10)^2$$

$$A = (3.1416) (100)$$

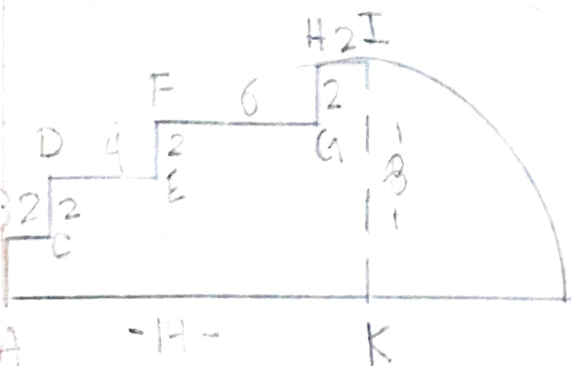
$$A = \frac{314.16}{2} = 157.08$$

$$A = (3.1416) (2.5)^2$$

$$A = (3.1416) (6.25)$$

$$A = 19.63 \times 5 = 98.18$$

$$A_T = 157.08 + 98.18 = 255.26 \text{ J}^2$$



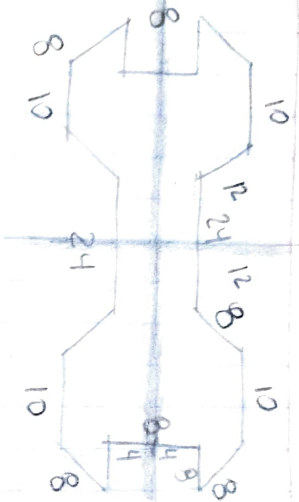
$$A = \pi r^2$$

$$A = 3.1416 (6)^2 = 3.1416 (36)$$

$$A = \frac{113.10}{4} = 28.27$$

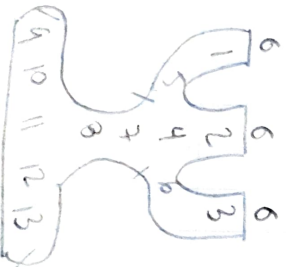
$$16 + 4 + 36 + 4 = 60$$

$$A_T = 88.27 \text{ J}^2$$

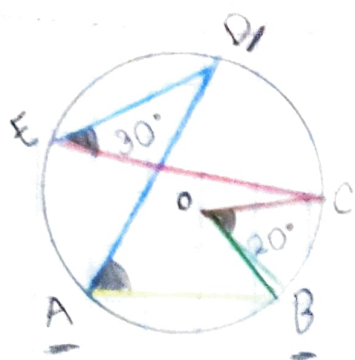


$$A = 12 + 8 + 10 + 8 + 8 + 4 = 50$$

$$At = 50 + 50 + 50 + 50 = 200 \text{ J}^2$$



$$15 \text{ cuadros} \cdot 6 = 90$$



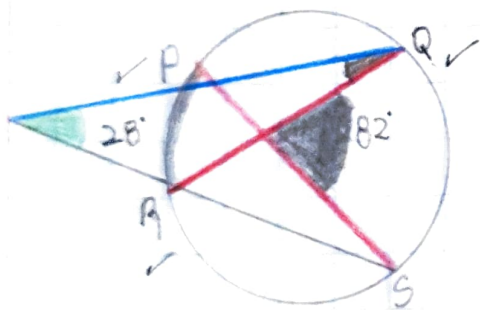
$\angle BAD$

$$\beta = \frac{\alpha}{2} = \beta = \frac{20^\circ}{2} = \beta = 10^\circ$$

$\angle \widehat{AB} = \angle \widehat{ED}$

$$\angle \widehat{ED} = 30^\circ = \angle \widehat{AE} = 30^\circ$$

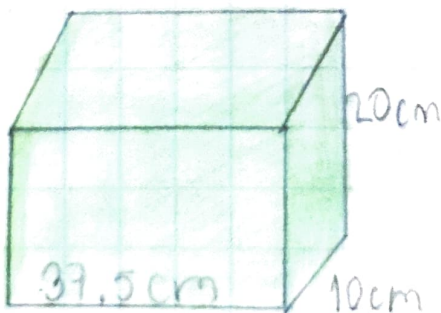
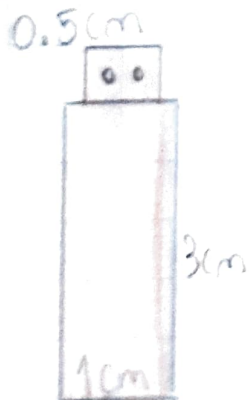
$$\angle \widehat{ED} + \angle \widehat{AE} + \angle \widehat{AB} = 30^\circ + 30^\circ + 10^\circ = 70^\circ$$



$\angle PQR$

$$\beta = \frac{\alpha}{2} = \frac{82^\circ}{2} = 41^\circ$$

$$\angle \widehat{PR} = \frac{28^\circ}{2} = 14^\circ$$



$$V = (0.5)(1)(3) = 1.5 \text{ cm}^3$$

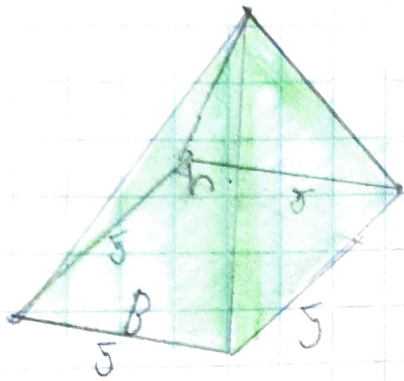
$$V = (37.5)(10)(20) = 7500 \text{ cm}^3$$

$$7500 / 1.5 = 5000 \text{ USB}$$

1 caja = 5000 usb

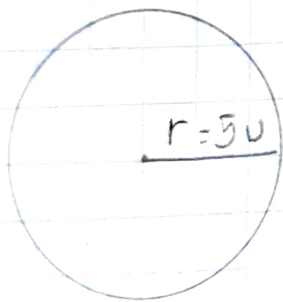
X = 30000 ✓

$$\frac{(1)(30000)}{5000} = \frac{30000}{5000} = 6 \text{ cajas}$$



$$h = 10 \quad V = \frac{Ab \cdot a}{3}$$
$$B = 5 \times 5$$

$$V = \frac{(5)(5)(10)}{3} = \frac{250}{3} = 83.33 \text{ u}^3$$

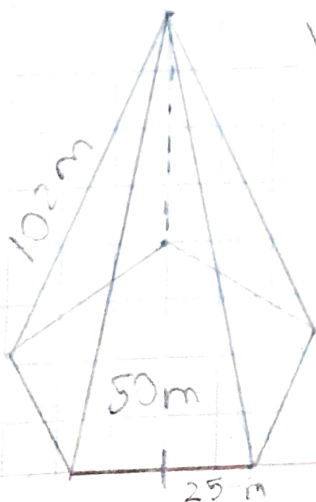


$$V = \frac{4 \pi r^3}{3}$$

$$V = \frac{4(3.1416)(5)^3}{3}$$

$$V = \frac{4(3.1416)125}{3} = \frac{(12.57)(125)}{3}$$

$$V = \frac{1571.25}{3} = 523.75 \text{ u}^3$$



$$V = \frac{Ab \cdot a}{3} \quad 360^\circ \div 5 = 72^\circ / 2 = 36^\circ$$

$$A = \frac{P \cdot a}{2} = \frac{(50)(50) \cdot a}{2} = \frac{2500 \cdot a}{2} = 1250a$$

$$a = \frac{25}{\tan 36^\circ} = \frac{25}{.726} = 34.43 = \frac{250 \cdot 34.43}{2} = 8607.5$$

$$V = \frac{(4303.75)(102)}{3} = 146327.50 \text{ m}^3$$