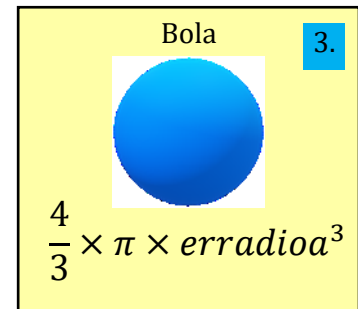
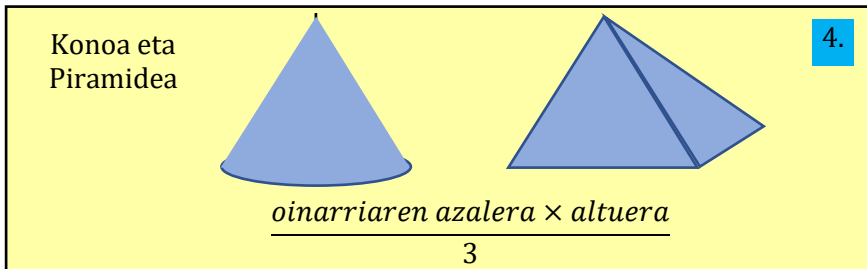
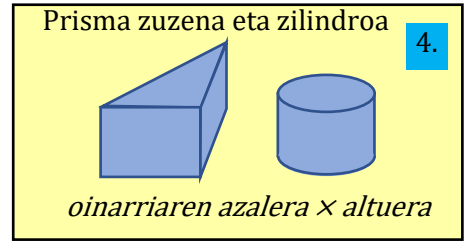
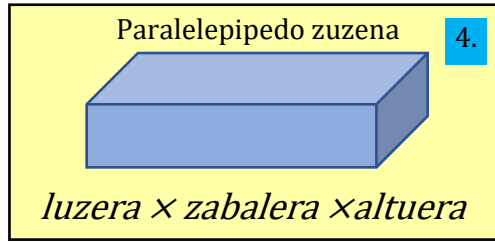
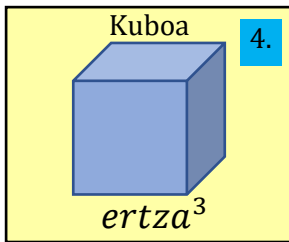
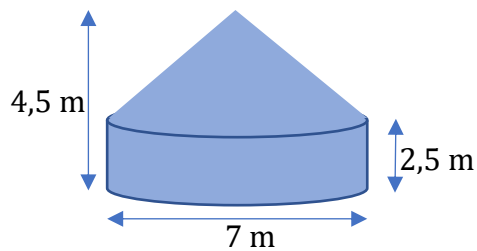


Bolumenak



17. ariketa : Yourta bat zilindro bat eta kono batez osatua da. Yourtaren bolumena kalkulatu.



Aterabidea :

Yourtaren bolumena B deituz.

$B = \text{zilindroaren bolumena} + \text{konoaren bolumena}$

$$B = \pi \times erradioa^2 \times zilindroaren altuera + \frac{1}{3} \times \pi \times erradioa^2 \times konoaren altuera$$

$$B = \pi \times \left(\frac{7}{2} m\right)^2 \times 2,5 m + \frac{1}{3} \times \pi \times \left(\frac{7}{2} m\right)^2 \times (4,5 m - 2,5 m)$$

$$B = \pi \times \left(\frac{7}{2} m\right)^2 \left[2,5 m + \frac{1}{3}(4,5 m - 2,5 m)\right] \quad B \approx 122 m^3$$