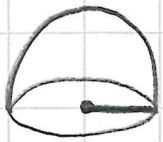
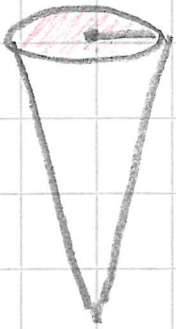
s. 36 (115)



Puoli pallo säde $r = 2{,}5\ cm$

$$V = \frac{\frac{4 \cdot 3{,}14 \cdot (2{,}5\ cm)^3}{3}}{2}$$

$$= 32{,}70833\ldots\ cm^3 \approx 33\ cm^3$$



Kartio $V = \frac{3{,}14 \cdot (2{,}5\ cm)^2 \cdot 11\ cm}{3}$ (A_P, h)

$$= 71{,}9583\ldots\ cm^3 \approx 72\ cm^3$$

Yhteensä $33\ cm^3 + 72\ cm^3$

$= 105\ cm^3$ (:1000)

$= 0{,}105\ dm^3$

$= 0{,}105\ l$ (·10)

$= 1{,}05\ dl$

(120)

$d = 76{,}2\ mm$

$r = 38{,}1\ mm$ $h = 25{,}4\ mm$

$$V = 3{,}14 \cdot (38{,}1\ mm)^2 \cdot 25{,}4\ mm$$

$$= 115774{,}607\ldots\ mm^3$$

$$\approx 116000\ mm^3 = 116\ cm^3$$

Lyijyn tiheys $11{,}34\ g/cm^3$

massa = tilavuus · tiheys

massa = 116 cm^3 · 11,34 g/cm^3

= 1315,44 g

130 133 s. 37