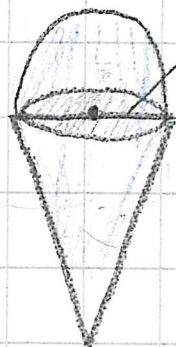


S.36

115



$$d = 5,0 \text{ cm}, \quad r = \frac{5 \text{ cm}}{2} = 2,5 \text{ cm}$$

$$h = 11,0 \text{ cm}$$

Kartio

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

$$= 71,95... \text{ cm}^3$$

$$\approx 72 \text{ cm}^3$$

Puolipallo

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

$$= 32,708... \text{ cm}^3$$

$$\approx 33 \text{ cm}^3$$

Jäätelö

$$V = 72 \text{ cm}^3 + 33 \text{ cm}^3$$

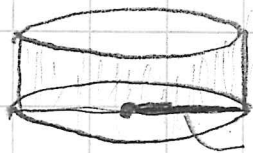
$$= 105 \text{ cm}^3$$

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

$$= 0,105 \text{ l}$$

$$= \underline{1,05 \text{ dl}}$$

120



$$h = 25,4 \text{ mm}$$

$$d = 76,2 \text{ mm}, \quad r = \frac{76,2 \text{ mm}}{2} = 38,1 \text{ mm}$$

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

$$= 115\,774,60... \text{ mm}^3$$

$$\approx 116\,000 \text{ mm}^3$$

$$= 116 \text{ cm}^3$$

tiheys: $11,34 \text{ g/cm}^3$
(lyijy)

$$\text{Massa: } 116 \text{ cm}^3 \cdot 11,34 \frac{\text{g}}{\text{cm}^3}$$

$$= 1315,44 \text{ g}$$

$$(\approx 1,3 \text{ kg})$$

130

Jäätelö $5\ell = 5\text{ dm}^3$
 $= 5000\text{ cm}^3$



$$d = 5\text{ cm}, \quad r = \frac{5\text{ cm}}{2} = 2,5\text{ cm}$$

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

$$= 65,4166... \text{ cm}^3$$

$$\approx 65 \text{ cm}^3$$

Kuinka monta palloa?

$$\frac{5000\text{ cm}^3}{65\text{ cm}^3} = 76,92...$$

Saadtaan $76/77$ palloa.