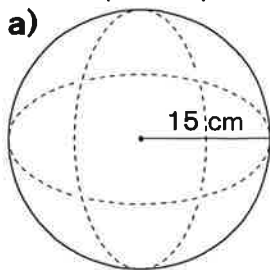


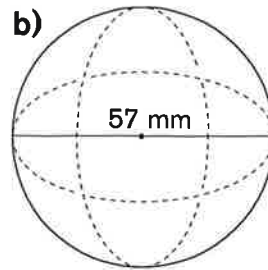
54 Kertaustehtäviä 1

1. Laske pallon pinta-ala ja tilavuus.



$$A \approx 2800 \text{ cm}^2 = 28 \text{ dm}^2$$

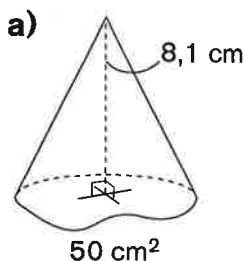
$$V \approx 14\,000 \text{ cm}^3 = 14 \text{ dm}^3$$



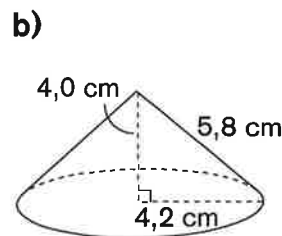
$$A \approx 10\,000 \text{ mm}^2 = 100 \text{ cm}^2$$

$$V \approx 97\,000 = 97 \text{ cm}^3$$

2. Laske kartion tilavuus.

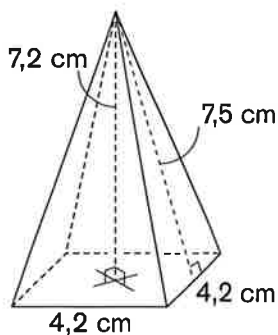


$$V \approx 140 \text{ cm}^3$$



$$V \approx 74 \text{ cm}^3$$

3. Laske pyramidin a) pinta-ala b) tilavuus.



$$a) A \approx 81 \text{ cm}^2$$

$$b) V \approx 42 \text{ cm}^3$$

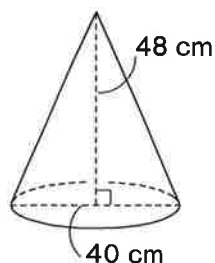
4. Laske ympyräkartion

a) tilavuus

b) sivujanan pituus

c) vaipan pinta-ala

d) pinta-ala.



$$a) V \approx 20 \text{ dm}^3$$

$$b) s = 52 \text{ cm}$$

$$c) A_v \approx 33 \text{ dm}^2$$

$$d) A_{\text{kok}} \approx 45 \text{ dm}^2$$