

5.9 ① Muunna metreiksi (pituus) 10

a) $780 \text{ cm} = 7,8 \text{ m}$

b) $0,51 \text{ km} = 510 \text{ m}$

c) $194\,300 \text{ mm} = 194,3 \text{ m}$

d) $26 \text{ dam} = 260 \text{ m}$

③ Muunna neliömetreiksi (pinta-ala) 100

a) $32 \text{ a} = 3\,200 \text{ m}^2$

b) $0,2 \text{ km}^2 = 200\,000 \text{ m}^2$

$\cdot 100\,000 = \cdot 100 \cdot 100 \cdot 100$

c) $49\,600 \text{ mm}^2 = 0,0496 \text{ m}^2$

$\div 100\,000$

d) $0,008 \text{ ha} = 80 \text{ m}^2$

S.10

(5)

Muunna kuutiometreiksi (tilavuus)

$$a) 35 \text{ dm}^3 \stackrel{(:1000)}{=} 0,035 \text{ m}^3$$

$$b) 0,00002 \text{ km}^3 = 20000 \text{ m}^3$$

$$c) 270000 \text{ mm}^3 = 0,00027 \text{ m}^3$$

$$d) 0,09 \text{ cm}^3 = 0,0000009 \text{ m}^3$$

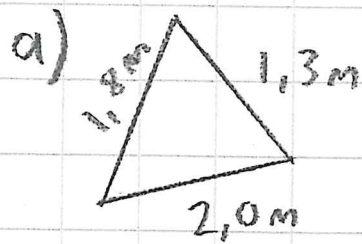
$$1 \text{ dm}^3 = 1 \text{ litra}$$

(9)

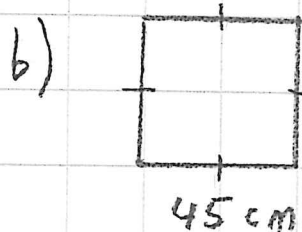
Uima-allas, tilavuus 400 m^3
 Kuinka monta litraa vettä
 mahtuu?

$$\begin{aligned} 400 \text{ m}^3 &= 400000 \text{ dm}^3 \\ &= 400000 \text{ litraa} \end{aligned}$$

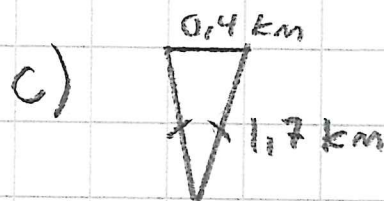
S.12 (18) Laske piiri



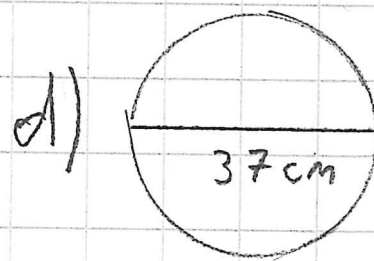
$$p = 2,0\text{ m} + 1,3\text{ m} \\ = 5,1\text{ m}$$



$$p = 4 \cdot 45\text{ cm} \\ = 180\text{ cm}$$



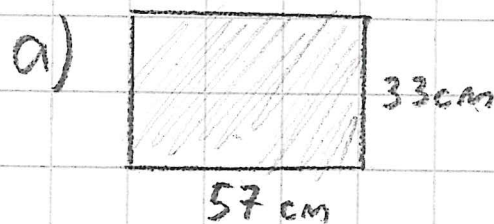
$$p = 0,4\text{ km} + 1,7 \\ + 1,7\text{ km} \\ = 3,8\text{ km}$$



$$p = \pi \cdot d = 2\pi$$

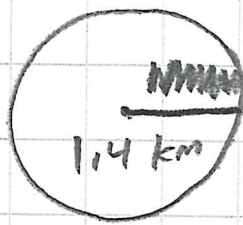
$$p = 3,14 \cdot 37\text{ cm} \\ = 116,18\text{ cm}$$

(20) Laske pinta-ala



$$A = 57\text{ cm} \cdot \\ = 1881\text{ cm}^2$$

b)



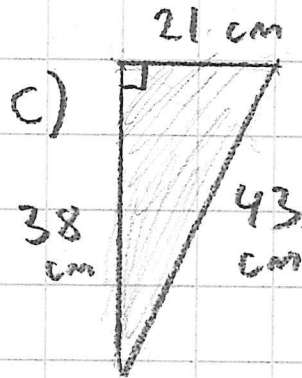
$$A = \pi \cdot r^2$$

$$A = 3,14 \cdot (1,4 \text{ km})^2$$

$$1,4 \cdot 1,4$$

$$= 6,1544 \text{ km}^2$$

$$(\approx 6,2 \text{ km}^2)$$



$$A = \frac{21 \text{ cm} \cdot 38 \text{ cm}}{2}$$

$$= 399 \text{ cm}^2$$

d)



$$A = 6,8 \text{ cm} \cdot 6,8 \text{ cm}$$

$$= 46,24 \text{ cm}^2$$

S.10

(13)

S.14

(31)

(32)