

1. V paralelogramu meri obseg 5,4 m, stranica $b = 1,5$ m in $v_a = 0,9$ m.

Izračunaj ploščino paralelograma.

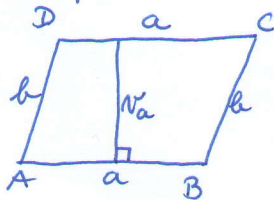
paralelogram

$$\sigma = 5,4 \text{ m}$$

$$b = 1,5 \text{ m}$$

$$v_a = 0,9 \text{ m}$$

$$p = ?$$



$$\sigma = 2 \cdot a + 2 \cdot b$$

$$a = (\sigma - 2 \cdot b) : 2$$

$$a = (5,4 - 2 \cdot 1,5) : 2$$

$$a = (5,4 - 3) : 2$$

$$a = 2,4 : 2$$

$$\underline{a = 1,2 \text{ m}}$$

$$p = a \cdot v_a$$

$$p = 1,2 \cdot 0,9$$

$$\underline{p = 1,08 \text{ m}^2}$$

2. V paralelogramu merita višini $v_a = 4$ dm in $v_b = 3,5$ dm. Ploščina paralelograma je 28 dm^2 .

Koliko merita stranici paralelograma?

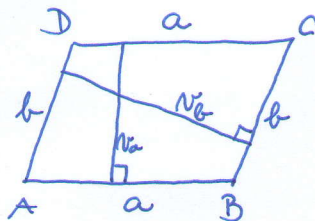
paralelogram

$$v_a = 4 \text{ dm}$$

$$v_b = 3,5 \text{ dm}$$

$$p = 28 \text{ dm}^2$$

$$a, b = ?$$



1. možnost:

$$p = a \cdot v_a$$

$$28 = a \cdot 4$$

$$a = 28 : 4$$

$$\underline{a = 7 \text{ dm}}$$

$$p = b \cdot v_b$$

$$28 = b \cdot 3,5$$

$$b = 28 : 3,5$$

$$\underline{b = 8 \text{ dm}}$$

$$28 \overset{\cdot 10}{:} \overset{\cdot 10}{3,5}$$

$$280 : 35 = 8$$

2. možnost:

$$p = a \cdot v_a$$

$$a = p : v_a$$

$$a = 28 : 4$$

$$\underline{a = 7 \text{ dm}}$$

$$p = b \cdot v_b$$

$$b = p : v_b$$

$$b = 28 : 3,5$$

$$\underline{b = 8 \text{ dm}}$$

Stranici paralelograma merita 7 dm in 8 dm