

Ime in priimek: Dani R.

Datum: 8.5.2024



Točke, odstotki, ocena:

4,5	30
-----	----

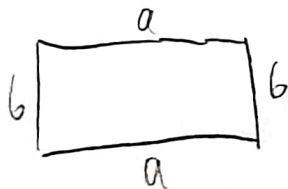
 15% X

0-49 %	50-59 %	60-79%	80-89%	90-100%
1	2	3	4	5

1. Izračunaj obseg in ploščino pravokotnika s stranicama

0	4
---	---

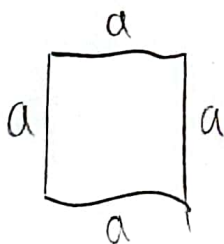
$$a = \frac{3}{4} \text{ m. in } b = \frac{12}{5} \text{ m.}$$



2. Obseg kvadrata meri 124cm koliko meri stranica a in

1	4
---	---

koliko je ploščina kvadrata?



$$\begin{aligned} O &= 4 \cdot a \checkmark \\ O &= 4 \cdot 124 \\ O &= 496 \text{ cm} \end{aligned}$$

$$\begin{aligned} p &= a \cdot a \checkmark \\ p &= 7 \cdot 7 \\ p &= 49 \text{ cm} \end{aligned}$$

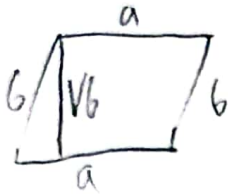
$$\begin{array}{r} 124 \cdot 4 \\ \hline 496 \end{array}$$

$$2 \cdot a + 2 \cdot b \quad Vb \cdot b$$

5. Izračunaj
b=

3. Izračunaj obseg in ploščino paralelograma, če je $a=6\text{cm}$, $b=7\text{cm}$ in $v_b=3\text{cm}$.

3	4
---	---



$$O = 2 \cdot a + 2 \cdot b \quad \checkmark$$

$$p = Vb \cdot b \quad \checkmark$$

$$O = 2 \cdot 6 + 2 \cdot 7$$

$$p = Vb \cdot 3$$

$$O = 12 + 14$$

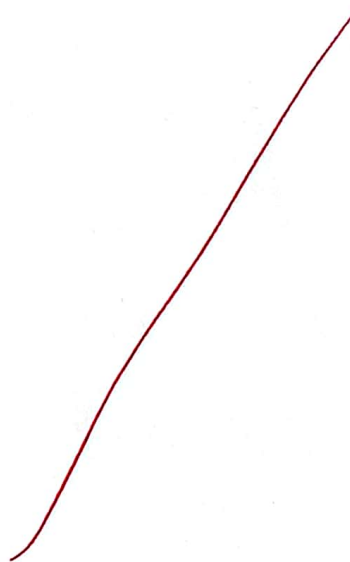
$$p = \cancel{6}^7 \cdot 3$$

$$O = 26\text{cm} \quad \checkmark$$

$$p = \cancel{18}\text{cm}$$

4. Izračunaj dolžino stranice a in ploščino romba, če je $o=33\text{m}$ in $v_a=\frac{16}{3}\text{m}$.

0	4
---	---



5. Izračunaj obseg in ploščino trikotnika, če je $a=13\text{dm}$, $b=8\text{dm}$, $c=17\text{dm}$ in $v_b=3\text{dm}$.

0,5 4



$$\begin{aligned}
 O &= 2 \cdot a + 2 \cdot b & p &= \sqrt{b \cdot b} & 26 \\
 O &= 2 \cdot 13 + 2 \cdot 8 & p &= 6 \cdot 3 & + 16 \\
 O &= 26 + 16 & p &= 18 \text{ dm}^2 & \frac{42}{2} \\
 O &= 42 \text{ dm}^2
 \end{aligned}$$

6. Izračunaj diagonalo f deltoida s podatki $e=7\text{mm}$ in $p=49\text{mm}^2$.

0 2

$$d = \frac{e \cdot f}{2} = \frac{4 \cdot 49}{2} = \frac{4}{2} \text{ mm}^2$$

7. Izračunaj obseg in ploščino trapeza s podatki $a=7,7\text{cm}$, $b=11,6\text{cm}$, $c=6,3\text{cm}$, $d=10,4\text{cm}$, $v=5\text{cm}$.

0 4

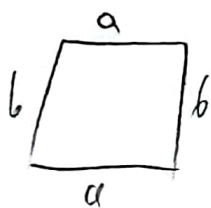


$$\begin{aligned}
 O &= 2 \cdot a + 2 \cdot b \\
 O &= 2 \cdot 11,6 + 2 \cdot 7,7 \\
 O &= 36,2 + 3,58 \\
 O &= 40,78 \text{ cm} \\
 p &= a \cdot v \\
 p &= 7,7 \cdot 5 \\
 p &= 38,5 \text{ cm}^2
 \end{aligned}$$

$$\begin{aligned}
 &10,4 \\
 &+ 7,4 \\
 &\hline
 &17,8 \\
 &11,6 \\
 &+ 6,3 \\
 &\hline
 &17,9 \\
 &17,9 \cdot 2 \\
 &\hline
 &35,8 \\
 &3,62 \\
 &+ 3,58 \\
 &\hline
 &7,20
 \end{aligned}$$

8. Izračunaj dolžino stranice a trapeza s podatki: $c=25\text{mm}$, $p=81\text{mm}^2$ in $v=3\text{mm}$.

0 4



$$\begin{aligned}
 O &= 2 \cdot a + 2 \cdot b \\
 O &= 2 \cdot 25 + 2 \cdot 81 \\
 O &= 50 + 162 \\
 O &= 212 \text{ mm}
 \end{aligned}$$

$$\begin{aligned}
 &28 \\
 &+ 3 \\
 &\hline
 &31 \\
 &28 \cdot 2 \\
 &\hline
 &56 \\
 &81 \cdot 2 \\
 &\hline
 &162 \\
 &162 \\
 &+ 56 \\
 &\hline
 &218
 \end{aligned}$$