

Ime in priimek: Neja

Datum: 7.5. ŠESTI



Točke, odstotki, ocena: 40 30 60% VBEN. (3)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama 35 4

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

$$a = \frac{3}{4}$$
$$b = \frac{12}{5}$$



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

$$o = 2 \cdot \frac{3}{4} + 2 \cdot \frac{12}{5}$$

$$o = \frac{2 \cdot 3}{4} + \frac{2 \cdot 12}{5} \quad \checkmark$$

$$o = \frac{6}{4} + \frac{24}{5}$$

$$P = a \cdot b \quad \checkmark$$

$$P = \frac{3}{4} \cdot \frac{12}{5} \quad \checkmark$$

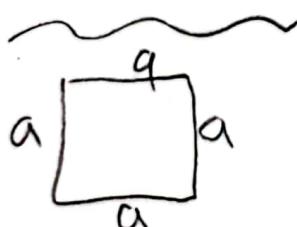
$$P = \frac{3}{5} \cdot \frac{12}{6}$$

$$\frac{12 \cdot 3}{36}$$

$$P = \frac{36}{24} \quad P = \frac{3}{2} \text{ m}$$

2. Obseg kvadrata meri 124 cm koliko meri stranica a in 35 4
koliko je ploščina kvadrata?

$$o = 124 \text{ cm}$$



$$o = 4 \cdot a \quad \checkmark$$

$$124 = 4 \cdot a$$

$$4 \cdot a = 124 : 4$$

$$a = 124 : 4$$

$$a = 31 \text{ cm} \quad \checkmark$$

$$124 : 4 = 31$$

$$\begin{array}{r} 31 \cdot 31 \\ + 830 \\ \hline 861 \end{array}$$

$$P = a \cdot a \quad \checkmark$$

$$P = 31 \cdot 31 \quad \checkmark$$

$$P = 861 \text{ cm}^2$$

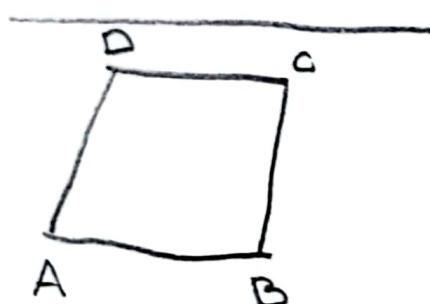
3. Izračunaj obseg in ploščino paralelograma, če je
 $a=6\text{cm}$, $b=7\text{cm}$ in $v_b=3\text{cm}$.

4	4
---	---

$$a = 6\text{cm}$$

$$b = 7\text{cm}$$

$$v_b = 3\text{cm}$$



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

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

$$\alpha = 12 + 14$$

$$\begin{array}{r} + 14 \\ \hline 26 \end{array}$$

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

$$P = b \cdot v_b \quad \checkmark$$

$$P = 7 \cdot 3$$

$$P = 21\text{cm}^2 \quad \checkmark$$

4. Izračunaj dolžino stranice a in ploščino romba, če je

$$\alpha = 33\text{m} \text{ in } v_a = \frac{16}{3}\text{ m.}$$

15	4
----	---

$$\alpha = 33\text{m}$$

$$v_a = \frac{16}{3}\text{ m}$$

~~$$D \ddot{o}c = 4 \cdot a \quad \checkmark$$~~

$$33 = 4 \cdot a$$

~~$$4 \cdot a = 33 : 4$$~~

~~$$a = \frac{1}{3} \cdot 33$$~~

$$P = a \cdot v_a \quad \checkmark$$

~~$$P = \frac{1}{3} \cdot$$~~

~~$$33 \cdot 4 =$$~~

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

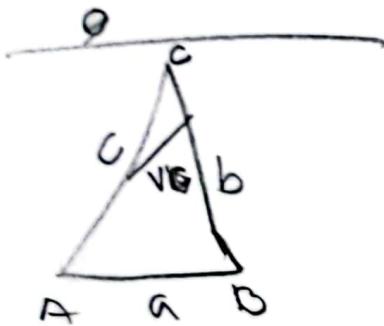
3,5 4

$$a = 13\text{dm}$$

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

$$c = 17\text{dm}$$

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



$$\alpha = a + b + c \quad \checkmark$$

$$\alpha = 13 + 8 + 17$$

$$\alpha = 38 \text{ dm} \quad \checkmark$$

$$\begin{array}{r} 17 \\ 13 \\ \hline 30 \end{array}$$

$$P = \frac{b \cdot v_b}{2} \quad \checkmark$$

$$P = \frac{8 \cdot 3}{2}$$

$$P = \frac{12}{1} \text{ dm}^2 = 12 \text{ dm}^2$$

6. Izračunaj diagonalo ~~f~~ deltoida s podatki $e=7\text{mm}$ in

0,5 2

$$p=49\text{mm}^2$$

~~$$f = 7\text{mm}$$~~

~~$$P = 49\text{mm}^2$$~~

$$P = \frac{e \cdot f}{2}$$

$$49 = \frac{e \cdot f}{2}$$

$$e \cdot f = 49 \cdot 7$$

~~$$P = 49 \cdot 7$$~~

~~$$P = 7 \text{ mm}$$~~

7
14
21
28
35
42
49

7. Izračunaj obseg in ploščino trapeza s podatki $a=7,7\text{cm}$, 25 4

$a=7,7\text{cm}$, $b=11,6\text{cm}$, $c=6,3\text{cm}$, $d=10,4\text{cm}$, $v=5\text{cm}$.

$$b = 11,6 \text{ cm}$$

$$c = 6,3 \text{ cm}$$

$$d = 10,4 \text{ cm}$$

$$v = 5 \text{ cm}$$

$$\alpha = a+b+c+d \checkmark$$

$$\alpha = 7,7 + 11,6 + 6,3 + 10,4 \checkmark$$

$$\alpha = 36,0 \text{ cm} \checkmark$$

$$\begin{array}{r} 10,4 \\ + 11,6 \\ + 6,3 \\ + 7,7 \\ \hline 36,0 \end{array}$$

$$P = \frac{a+c}{2} \cdot v$$

$$P = \frac{7,7+10,4}{2} \cdot 5 \checkmark$$

$$P = 13,1 \text{ cm}^2$$

$$\begin{array}{r} 7,7 \\ + 10,4 \\ + 7,7 \\ \hline 25,8 \end{array}$$

8. Izračunaj dolžino stranice a trapeza s podatki: 0 4

$c=25\text{mm}$, $P=81\text{mm}^2$ in $v=3\text{mm}$.

$$c = 25 \text{ mm}$$

$$P = 81 \text{ mm}^2$$

$$v = 3 \text{ mm}$$

$$P = \frac{a+c}{2} \cdot v$$

$$81 = \frac{a+25}{2} \cdot 3$$

$$\frac{a+25}{2} = 27$$

Ime in priimek: Žiga Bartolfer



Datum: 7.5.2024

Točke, odstotki, ocena:

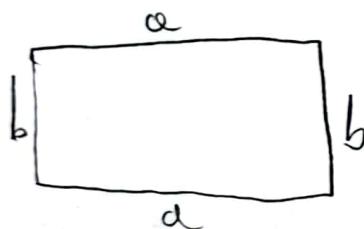
15	30
----	----

~~45%~~ ~~80%~~ 50% (2)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama

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



$$\begin{matrix} a \\ b \\ b \\ d \end{matrix}$$

$$O = a + b + a + b = \frac{3}{4} + \frac{12}{5} + \frac{3}{4} + \frac{12}{5} = \frac{15}{20} + \frac{48}{20} = \frac{15+48}{20} = \frac{63}{20} \text{ cm}$$

$$P = a \cdot b = \frac{3}{4} \cdot \frac{12}{5} = \frac{36}{20} \text{ cm}^2 = \frac{9}{5} \text{ cm}^2$$

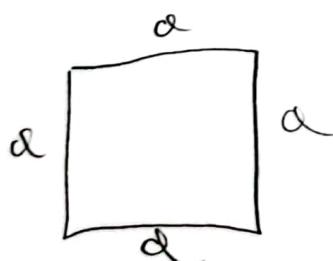
63
20
11

$$\frac{12 \cdot 3}{36}$$

$$\begin{array}{r} 48 \\ + 15 \\ \hline 63 \\ + 63 \\ \hline 126 \end{array}$$

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

koliko je ploščina kvadrata?



$$O = 124 \text{ cm}$$

~~$$P = 31 \text{ cm}^2$$~~

$$a = 31 \text{ cm}$$

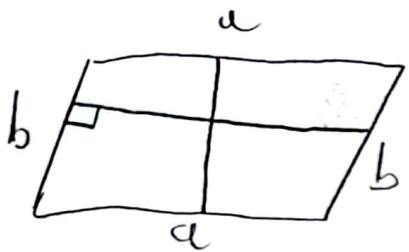
~~$$124 : 3 = 41$$~~

$$124 : 4 = 31$$

31

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

35 | 4



$$O = a + b + a + b = 16\text{cm}$$
 ~~$P = a \cdot v_b$~~

$$b \cdot v_b = 7 \cdot 3 = 21\text{cm}^2$$



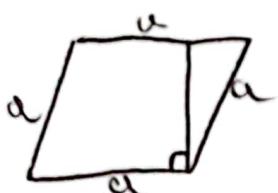
4. Izračunaj dolžino stranice a in ploščino romba, če je

$$o=33\text{m}$$
 in $v_a=\frac{16}{3}\text{ m}$.

35 | 4

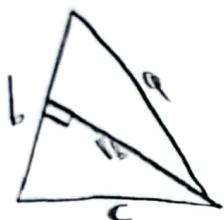
$$o = 33\text{cm}$$

$$P = a \cdot v_a$$



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

4	4
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$$O = a + b + c = 30 \text{ cm} \checkmark$$

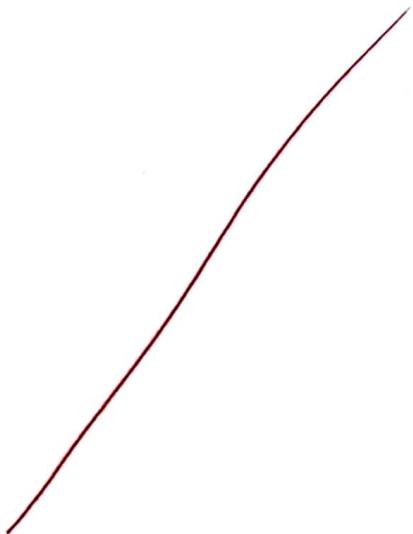
$$P = \frac{b \cdot v_b}{2} = \frac{8 \cdot 3}{2} = \frac{24}{2}$$

$$= 12 \text{ cm}^2 \checkmark$$

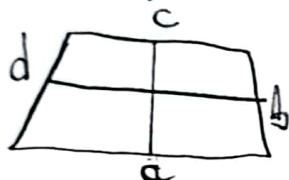
6. Izračunaj diagonalo e deltoida s podatki $e=7\text{mm}$ in $P=49\text{mm}^2$.

0	2
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$$e =$$



7. Izračunaj obseg in ploščino trapeza s podatki $a=7,7\text{cm}$, 25 4
 $b=11,6\text{cm}$, $c=6,3\text{cm}$, $d=10,4\text{cm}$, $v=5\text{cm}$.



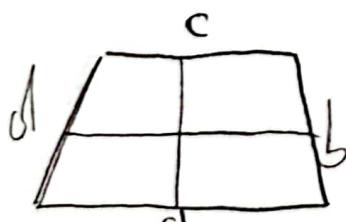
$$O = a + b + c + d = 36 \text{ cm} \quad \checkmark$$

$$P = S \cdot V = \frac{48,51 \cdot 5}{24,255 \text{ cm}^2}$$



$$\begin{array}{r} S = \frac{7,7 + 6,3}{2} \cdot 5 \\ \hline 4 \quad 6 \\ + \quad 2 \quad 3 \\ \hline 4 \quad 0 \quad 5 \end{array}$$

8. Izračunaj dolžino stranice a trapeza s podatki: 0 4
 $c=25\text{mm}$, $P=81\text{mm}^2$ in $v=3\text{mm}$.



$$O =$$

$$P = 81 \text{ mm}^2$$

Ime in priimek: GABRIEL OBLAK
 Datum: 4. 7. 2024



Točke, odstotki, ocena:

10	30
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33,3% (1)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama

1	4
---	---

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

$$\begin{aligned} a &= \frac{3}{4} \text{m} \\ b &= \frac{12}{5} \text{m} \\ \text{Obseg} &= 2(a + b) = 2\left(\frac{3}{4} + \frac{12}{5}\right) = 2\left(\frac{15}{20} + \frac{48}{20}\right) = 2\left(\frac{63}{20}\right) = \frac{126}{20} = 6,3 \text{ m} \\ \text{Ploščina} &= ab = \frac{3}{4} \times \frac{12}{5} = \frac{36}{20} = 1,8 \text{ m}^2 \end{aligned}$$

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

0	4
---	---

 koliko je ploščina kvadrata?

$$\begin{aligned} \text{Obseg kvadrata} &= 4a \\ 124 \text{ cm} &= 4a \\ a &= 31 \text{ cm} \\ \text{Ploščina kvadrata} &= a^2 = 31^2 = 961 \text{ cm}^2 \end{aligned}$$

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

34	4
----	---

$$\begin{aligned} & \text{N} b \text{ar } v_b = b^2 \cdot v_b \\ & a = 6\text{cm} \quad b = 7\text{cm} \quad \checkmark \\ & b \cdot v = 7 \cdot 3 = 21\text{cm}^2 \\ & \text{Obseg} = 2(a + b) = 2(6 + 7) = 26\text{cm} \end{aligned}$$

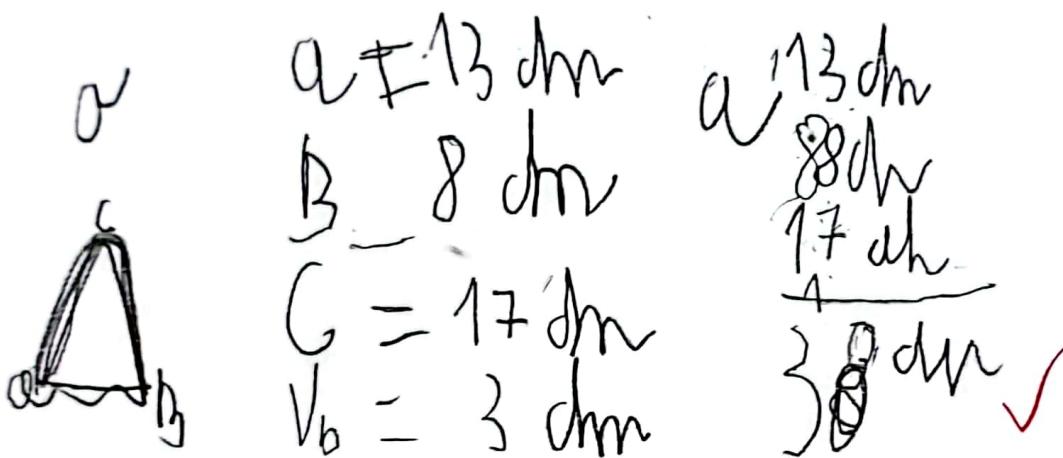
4. Izračunaj dolžino stranice a in ploščino romba, če je
 $o=33\text{m}$ in $v_a=\frac{16}{3}\text{ m}$.

0	4
---	---

$$\begin{aligned} & \frac{16}{3} \cdot 33 = 176 \text{ m} \\ & \cancel{\text{Ploščina}} = 88 \text{ m}^2 \end{aligned}$$

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

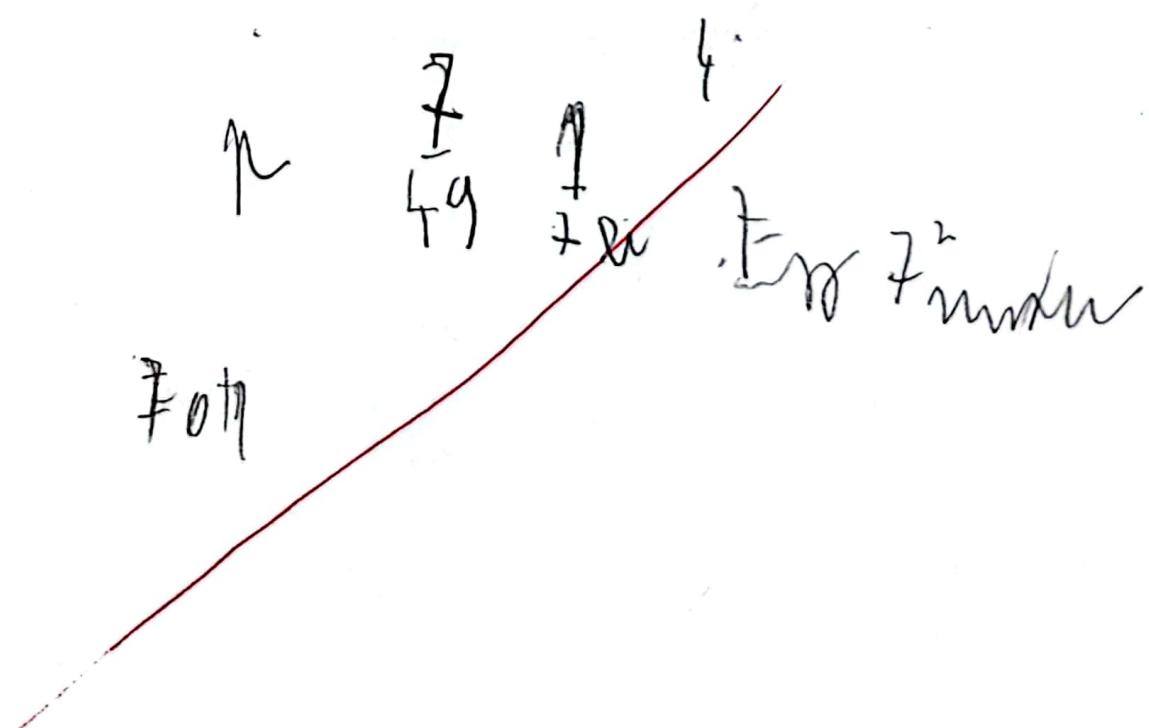
3	4
---	---



$$\frac{V_{BAC}}{2} = \frac{v_b \cdot b}{2} = \frac{3 \cdot 8}{2} = 12 \text{ dm}^2$$

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

0	2
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7. Izračunaj obseg in ploščino trapeza s podatki $a=7,7\text{cm}$, 2 4
 $b=11,6\text{cm}$, $c=6,3\text{cm}$, $d=10,4\text{cm}$, $v=5\text{cm}$.

$$\begin{array}{l} a \quad a = 7,7\text{cm} \\ b \quad b = 11,6\text{cm} \\ c \quad c = 6,3\text{cm} \\ d \quad d = 10,4\text{cm} \\ \hline \end{array}$$

~~39,0 cm~~

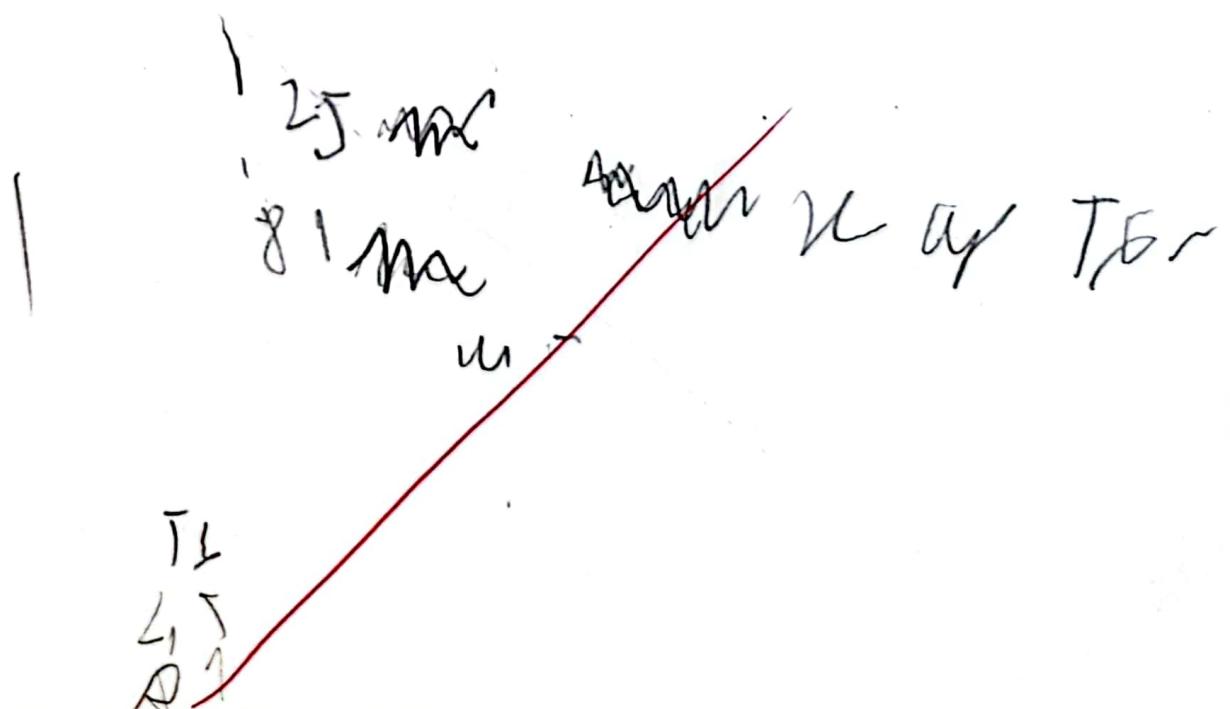
$$\begin{array}{r} 7,7 \\ + 11,6 \\ \hline 18,3 \end{array}$$

~~18,0 cm~~

~~9,1 cm~~ ~~18,4 cm~~

8. Izračunaj dolžino stranice a trapeza s podatki: 0 4
 $c=25\text{mm}$, $p=81\text{mm}^2$ in $v=3\text{mm}$.

17-18



Ime in priimek: Ziva Luhar

Datum: 7.5.2024



Točke, odstotki, ocena:

20,5	30
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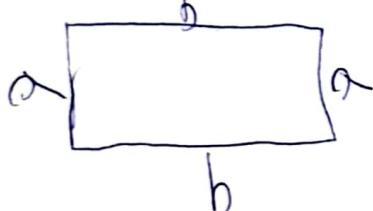
68,3% (3)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama

2,5	4
-----	---

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



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

$$O = 2 \cdot \frac{3}{4} + 2 \cdot \frac{12}{5}$$

$$O = \frac{2 \cdot 3}{4} + \frac{2 \cdot 12}{5} \quad \checkmark$$

$$O = \frac{6}{4} + \frac{24}{5}$$

$$O = \cancel{\frac{3}{2}} + \frac{24}{5}$$

~~$$O = \frac{28}{5}$$~~

~~$$O = 5,6 \text{ m}$$~~

$$P = a \cdot b \quad \checkmark$$

$$P = \frac{3}{4} \cdot \frac{12}{5}$$

$$P = \frac{3 \cdot 12}{4 \cdot 5}$$

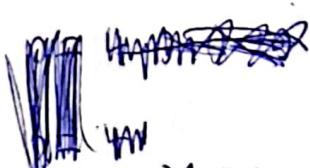
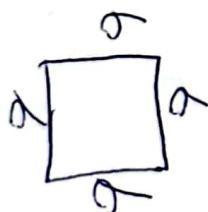
~~$$P = \frac{36}{20} \quad \checkmark$$~~

$$P = \frac{9}{5} \text{ m}^2$$

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

3,5	4
-----	---

 koliko je ploščina kvadrata?



$$O = 4 \cdot a \quad \checkmark$$

$$124 = 4 \cdot a$$

$$4 \cdot a = 124$$

$$a = \frac{124}{4}$$

$$124 : 4 = 31$$

$$\begin{array}{r} 12 \\ \hline 00 \\ 4 \\ \hline 00 \end{array}$$

$$O = 124 \text{ cm}$$

$$p = a \cdot a \quad \checkmark$$

$$p = 31 \cdot 31 \quad \checkmark$$

$$a = ?$$

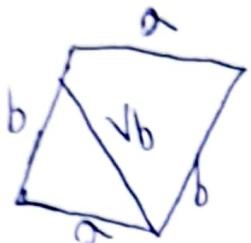
$$a = 31 \text{ cm} \quad \checkmark$$

$$p = ?$$

~~$$p = 661 \text{ cm}^2$$~~

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

4 4



$$O=? \quad P=?$$

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

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

$$O = 12 + 14$$

$$\begin{array}{r} 12 \\ + 14 \\ \hline 26 \end{array}$$

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

~~$$P = b \cdot \sqrt{b}$$~~
$$P = b \cdot \sqrt{b} \quad \checkmark$$

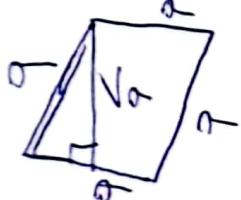
$$P = 7 \cdot 3$$

$$\underline{P = 21 \text{ cm}^2} \quad \checkmark$$

4. Izračunaj dolžino stranice a in ploščino romba, če je

$$O=33\text{m}$$
 in $v_a=\frac{16}{3}\text{ m}$.

25 4



$$a=? \quad P=?$$

$$O = 4 \cdot a \quad \checkmark$$

~~$$33 = 4 \cdot a$$~~

$$a = \frac{33}{4} \quad \checkmark$$

~~$$\underline{\underline{a}}$$~~

$$P = a \cdot v_a \quad \checkmark$$

~~$$P = \frac{33}{4} \cdot \frac{16}{3} \quad \checkmark$$~~

$$P = \frac{33 \cdot 16}{4 \cdot 3}$$

~~$$P = \frac{208}{12} \quad \checkmark$$~~

$$\begin{array}{r} 13 \cdot 16 \\ \hline 13 \\ 128 \\ \hline 208 \end{array}$$

$$\begin{array}{r} 32 \cdot 1 \\ \hline 96 \end{array}$$

$$\begin{array}{r} 12 \cdot 2 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 47 \cdot 4 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 12 \cdot 5 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 12 \cdot 3 \\ \hline 36 \end{array}$$

$$208 : 12 = 12$$

$$\begin{array}{r} 112 \\ 088 \\ \hline 84 \\ \hline 040 \end{array}$$

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

25 4



$$O=? \quad p=?$$

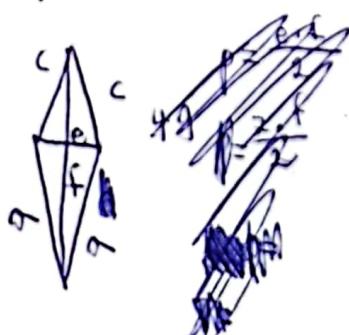
$$\begin{aligned} O &= a+b+c \quad \checkmark \\ &= 13+8+17 \\ &\quad \begin{array}{r} 17 \\ + 13 \\ \hline 30 \end{array} \\ &\quad \begin{array}{r} 30 \\ + 18 \\ \hline 38 \end{array} \end{aligned}$$

$$O = 38 \text{ dm} \quad \checkmark$$

$$\begin{aligned} p &= b \cdot v_b \\ &= 8 \cdot 3 \\ &= 24 \text{ dm}^2 \end{aligned}$$

6. Izračunaj diagonalo f deltoida s podatki $e=7\text{mm}$ in 1 2

$$p=49\text{mm}^2.$$

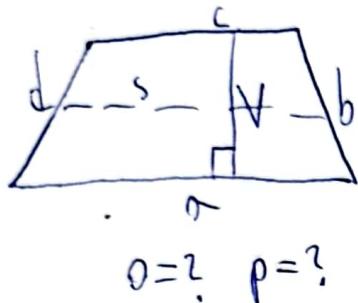


$$f=?$$

$$\begin{aligned} p &= \frac{e \cdot f}{2} \quad \checkmark \\ 49 &= \frac{7 \cdot f}{2} \\ f &= \frac{49}{7} \\ f &= 7 \text{ mm} \end{aligned}$$

7. Izračunaj obseg in ploščino trapeza s podatki $a=7,7\text{cm}$, 4

$b=11,6\text{cm}$, $c=6,3\text{cm}$, $d=10,4\text{cm}$, $v=5\text{cm}$.



$$o=? \quad p=?$$

$$o = a + b + c + d \quad \checkmark$$

$$o = 7,7 + 11,6 + 6,3 + 10,4$$

$$\underline{o = 36 \text{ cm}} \quad \checkmark$$

$$p = s \cdot v \quad \checkmark$$

$$p = 7 \cdot 5$$

$$\underline{p = 35 \text{ cm}^2} \quad \checkmark$$

$$\begin{array}{r} 7,7 \\ + 6,3 \\ \hline 14,0 \end{array}$$

$$\begin{array}{r} 7,7 \\ + 11,6 \\ \hline 13,3 \\ + 6,3 \\ \hline 25,6 \\ + 10,4 \\ \hline 36,0 \end{array}$$

$$\begin{aligned} s &= \frac{a+c}{2} \\ s &= \frac{7,7+6,3}{2} \\ s &= \frac{14}{2} \\ s &= 7 \text{ cm} \end{aligned}$$

8. Izračunaj dolžino stranice a trapeza s podatki: 0,5 4

$c=25\text{mm}$, $p=81\text{mm}^2$ in $v=3\text{mm}$.



$$a=?$$

$$\begin{array}{r} 30 \cdot 3 \\ \hline 90 \\ \cancel{} \cancel{} \cancel{} \\ 25 \cdot 3 \\ \hline 75 \end{array}$$

$$\begin{array}{r} 40 \cdot 3 \\ \hline 120 \\ \cancel{} \cancel{} \cancel{} \end{array}$$

$$\begin{array}{r} 20 \cdot 3 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 26 \cdot 3 \\ \hline 78 \\ \cancel{} \cancel{} \cancel{} \\ 27 \cdot 3 \\ \hline 81 \end{array}$$

$$p = 15 \cdot \cancel{1} \quad \checkmark$$

$$81 = 3 \cdot \cancel{15}$$

$$\cancel{15} = \frac{81}{3}$$

$$\underline{\cancel{15} = 27 \text{ mm}}$$

Ime in priimek: VRH PIRC

Datum: 7.5.2024



Točke, odstotki, ocena:

15,5	30
------	----

51,67. (2)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama 1,6

1,6	4
-----	---

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

$$a = \frac{3}{4} = \frac{15}{20} \text{m}$$

$$b = \frac{12}{5} = \frac{48}{20} \text{m}$$

Diagram of a rectangle with vertices D, A, B, C. Side DA is labeled 'a' and side AB is labeled 'b'.

$$O = \frac{15}{20} \cdot 2 + \frac{48}{20} \cdot 2 \quad \checkmark$$

$$O = \frac{30}{20} + \frac{96}{20} \quad \checkmark$$

$$O = \frac{126}{20} = 6 \text{m}$$



2. Obseg kvadrata meri 124cm koliko meri stranica a in 35

35	4
----	---

 koliko je ploščina kvadrata?

$$O = 124 \text{ cm}$$

$$\overbrace{a+a}^{\text{P=2}}$$



$$124 = a \cdot 4 \quad \checkmark$$

$$4 \cdot a = 124 : 4$$

$$a = 31 \text{ cm} \quad \checkmark$$

$$\begin{array}{r} 124 : 4 = 31 \\ \hline 31 \end{array}$$

$$P = 37 \cdot 31 \quad \checkmark$$

$$P = 961 \text{ cm}^2 \quad \checkmark$$

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

4	4
---	---

$$a=6\text{ cm}$$

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

$$P = 7 \cdot 3 \checkmark$$

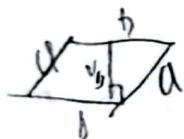
$$b=7\text{m}$$

$$O = 7_2 + 7_4$$

$$P = 21 \text{ m}^2 \checkmark$$

$$\underline{v_b=3\text{cm}}$$

$$a=26\text{cm} \checkmark$$



4. Izračunaj dolžino stranice a in ploščino romba, če je

2	4
---	---

$$O=33\text{m}$$
 in $v_a=\frac{16}{3}\text{m}$.

$$O=33\text{m}$$

$$\underline{v_a=\frac{16}{3}\text{m}}$$

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



$$33=a \cdot 4$$

$$4 \cdot a = 33 \cdot 4$$

$$a = 8,825 \text{m} \checkmark$$

$$\frac{33}{4} = 8,25 = 8\frac{1}{4} = \frac{33}{4}$$

$$\frac{-32}{1}$$

$$\frac{94}{1}$$

$$\frac{33}{4} \cdot 3 = \frac{99}{12}$$

$$\frac{16}{3} \cdot 4 = \frac{64}{12}$$

$$P = \frac{99 \cdot 64}{12} = \frac{62736}{12} = 5228 \text{m}^2$$

$$P = 3768 \text{m}^2$$

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

35 4

$$\begin{array}{l} a=13\text{dm} \\ b=8\text{dm} \end{array}$$

$$c=17\text{dm}$$

$$V_b=3\text{dm}$$

$$\underline{\underline{O=22}}$$

$$\begin{array}{l} O=13+8+17 \\ O=38\text{dm} \end{array}$$

$$\cancel{O=38\text{dm}}$$

$$\begin{array}{r} 17 \\ + 8 \\ \hline 25 \end{array}$$

$$\cancel{A=\sqrt{13\cdot 8\cdot 17\cdot 3}}$$

$$P=\frac{38}{2}$$

$$P=19\text{dm}^2 \quad \checkmark$$



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

0 2

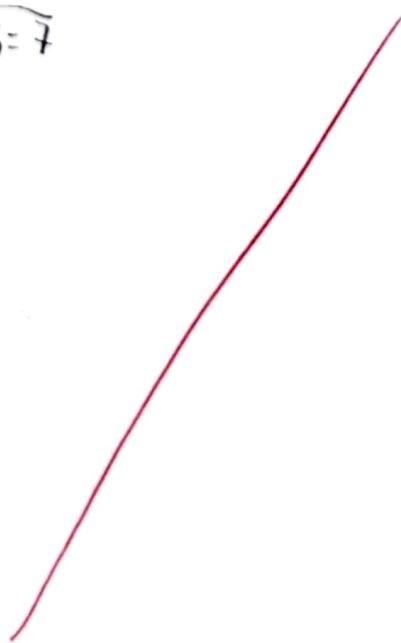
$$P=49\text{mm}^2$$

$$e=7\text{mm}$$

$$\underline{\underline{s=7}}$$

$$P = s \cdot e$$

$$\begin{array}{l} 49 = s \cdot 7 \\ 7 \cdot s = 49 \\ \hline s = 7 \end{array}$$



7. Izračunaj obseg in ploščino trapeza s podatki $a=7,7\text{cm}$, 2 4
 $b=11,6\text{cm}$, $c=6,3\text{cm}$, $d=10,4\text{cm}$, $v=5\text{cm}$.

$$a = 7,7\text{cm}$$

$$b = 11,6\text{cm}$$

$$c = 10,4\text{cm}$$

$$d = 10,4\text{cm}$$

$$V = h \text{ cm}$$

$$\cancel{O=2} \quad P=2$$

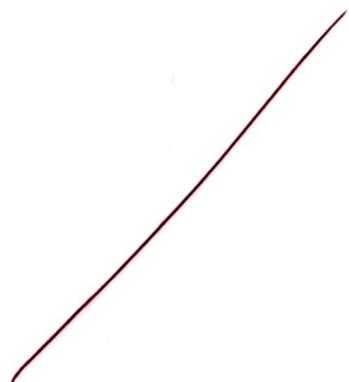


$$\begin{aligned} O &= 7,7 + 11,6 + 10,4 + 6,3 \\ &= 36\text{cm} \quad \checkmark \end{aligned}$$

$$\begin{aligned} P &= 11,6 + 5 \\ &= 16,6 \end{aligned}$$

$$\begin{aligned} P &= 11,6 + 5 \\ &= 16,6 \end{aligned}$$

8. Izračunaj dolžino stranice a trapeza s podatki: 0 4
 $c=25\text{mm}$, $p=81\text{mm}^2$ in $v=3\text{mm}$.



Ime in priimek: Mank Leonardič



Datum: _____

Točke, odstotki, ocena: 15 30 16% (1)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama 18 4

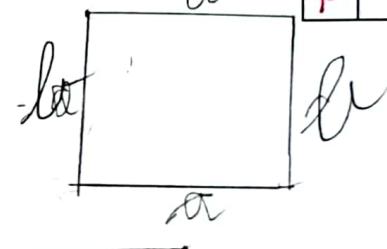
$$a = \frac{3}{4} \text{m} \text{ in } b = \frac{12}{5} \text{m}$$

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

~~$$O = 2 \cdot \frac{3}{4} + 2 \cdot \frac{12}{5} ?$$~~

~~$$O = 3 + 12 = 15$$~~

~~$$O = 15 \text{m}$$~~



2. Obseg kvadrata meri 124cm koliko meri stranica a in 3 4 koliko je ploščina kvadrata?

$$O = 124 \text{cm}$$

~~$$a = \frac{124}{4} \text{cm}$$~~

$$a = 31 \text{cm}$$

$$n = 4$$

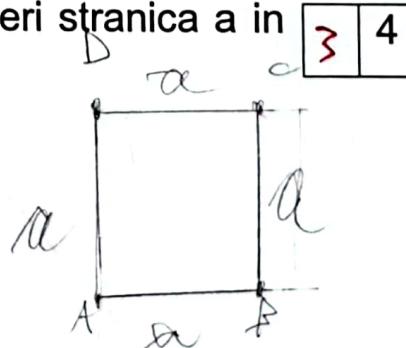
$$O = a \cdot 4 \quad | :4$$

$$124 : 4 = a$$

~~$$a = 31 \text{cm}$$~~

$$P = a \cdot a \checkmark$$

$$P = 961 \text{ cm}^2$$



$$\begin{array}{r} 31 \\ \times 31 \\ \hline 31 \\ + 93 \\ \hline 961 \end{array}$$

$$31 \times 31 = 961$$

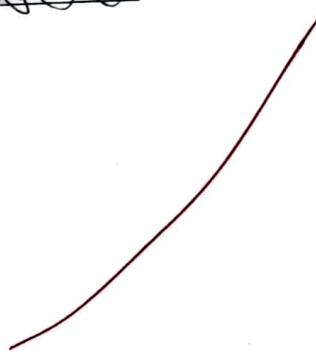
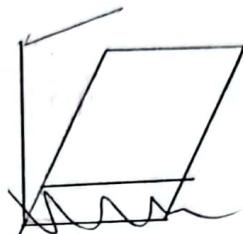
~~$$\begin{array}{r} 124 : 4 = 31 \\ 124 \quad | :4 \\ 31 \\ 0 \end{array}$$~~

5. Izračunaj
 $b=8dm$

1	4
---	---

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

$$\begin{aligned}P &= b \cdot v_b \\P &= 7 \cdot 3 = 21 \\P &= 21 \text{ cm}^2\end{aligned}$$



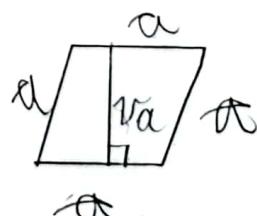
4. Izračunaj dolžino stranice a in ploščino romba, če je
 $o=33\text{m}$ in $v_a=\frac{16}{3}\text{ m}$.

0	4
---	---

$$o = a \cdot \sqrt{a}$$

$$o =$$

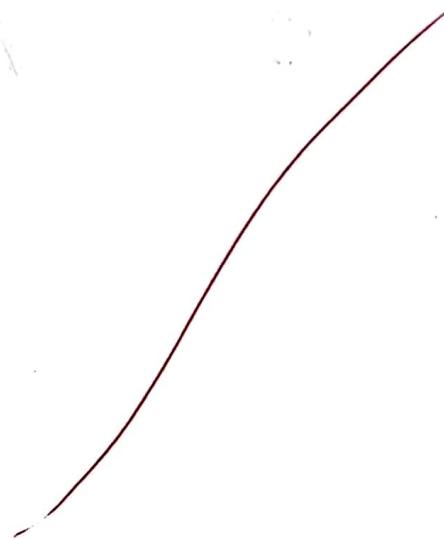
$$\begin{aligned}o &= \\33\text{m} &\cdot \frac{16}{3}\text{m}\end{aligned}$$





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

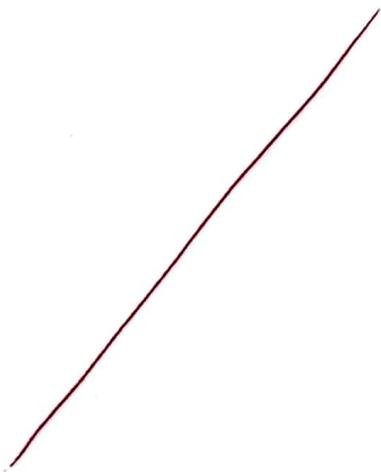
0	4
---	---



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

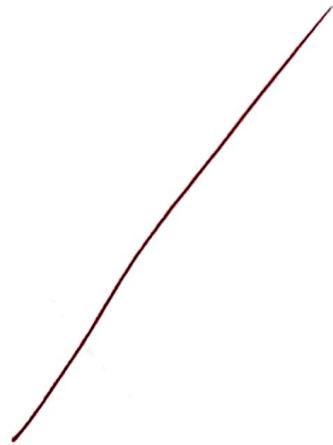
c	2
---	---

l



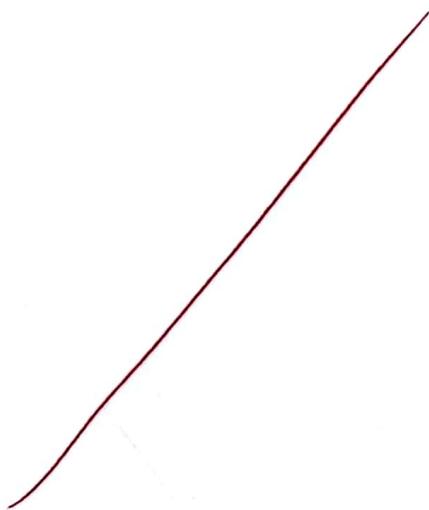
7. Izračunaj obseg in ploščino trapeza s podatki $a=7,7\text{cm}$, $b=11,6\text{cm}$, $c=6,3\text{cm}$, $d=10,4\text{cm}$, $v=5\text{cm}$.

0	4
---	---



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

0	4
---	---



Ime in priimek: NEJC VERBIC

Datum: 7.6.2024



Točke, odstotki, ocena:

0	30
---	----

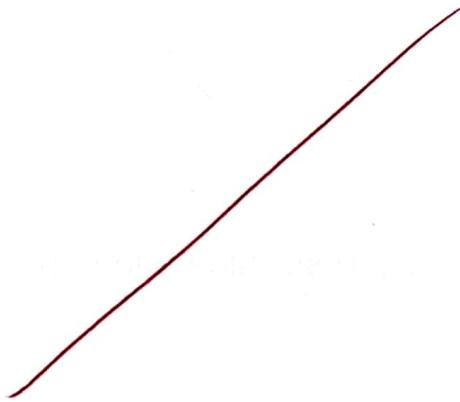
 01. (K)

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
---	---

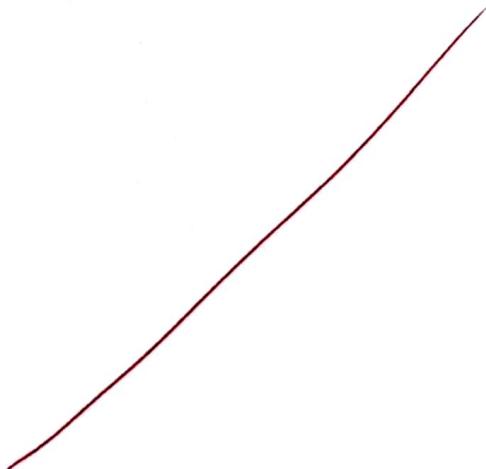
$$a = \frac{3}{4} \text{m} \text{ in } b = \frac{12}{5} \text{m.}$$



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

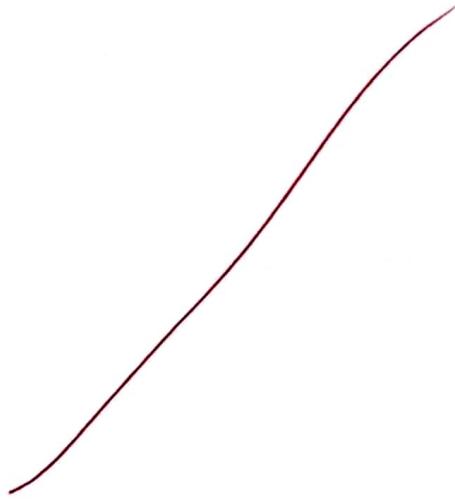
0	4
---	---

 koliko je ploščina kvadrata?



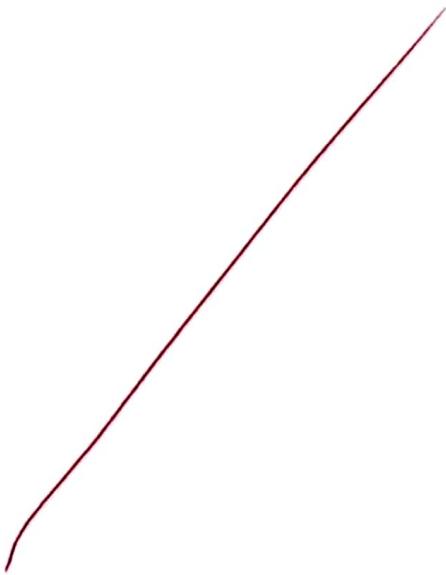
3. Izračunaj obseg in ploščino paralelograma, če je
 $a=6\text{cm}$, $b=7\text{cm}$ in $v_b=3\text{cm}$.

0	4
---	---



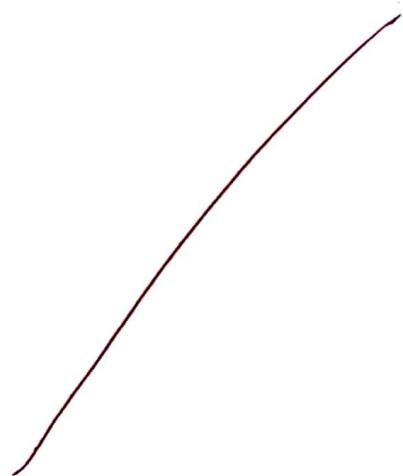
4. Izračunaj dolžino stranice a in ploščino romba, če je
 $o=33\text{m}$ in $v_a=\frac{16}{3}\text{ m}$.

0	4
---	---



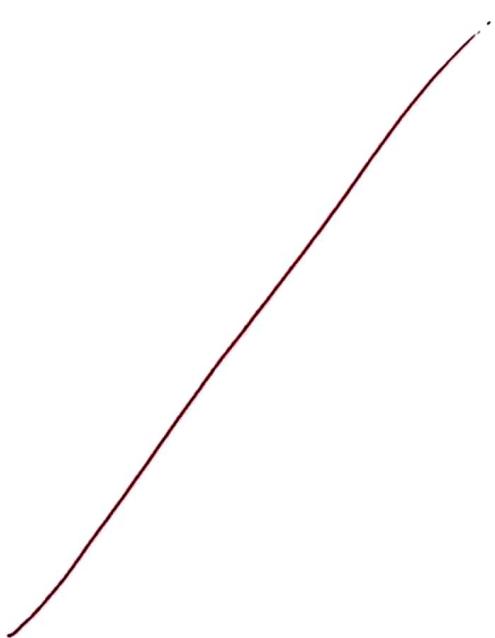
5. Izračunaj obseg in ploščino trikotnika, če je $a=13\text{dm}$,
 $b=8\text{dm}$, $c=17\text{dm}$ in $v_b=3\text{dm}$.

0	4
---	---



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

0	2
---	---



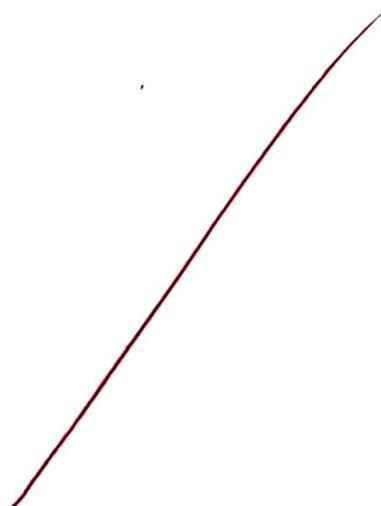
7. Izračunaj obseg in ploščino trapeza s podatki $a=7,7\text{cm}$, $b=11,6\text{cm}$, $c=6,3\text{cm}$, $d=10,4\text{cm}$, $v=5\text{cm}$.

0	4
---	---



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

0	4
---	---



Ime in priimek: Dan Milivo

Datum: 5.7.



Točke, odstotki, ocena:

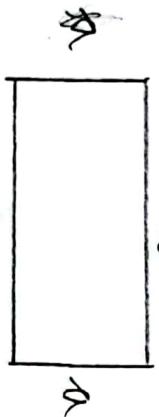
65 | 30

21,57. (1)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama

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



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

$$O = 2 \cdot \frac{3}{4} + 2 \cdot \frac{12}{5}$$

$$\cancel{O = \frac{3}{4} + \frac{5}{12}} \\ O = \frac{9}{12} + \frac{5}{12} = \frac{14}{12}$$

15 | 4

$$P = \frac{\sigma}{2} \cdot \frac{4}{n}$$

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

2 | 4

koliko je ploščina kvadrata?

$$a \quad a \quad a = 124 : 4$$

$$a = 31 \text{ cm}$$

$$P = a + a + a + a = 4 \cdot a \quad \checkmark$$

$$a = 124 : 4 = 31 \text{ cm}$$

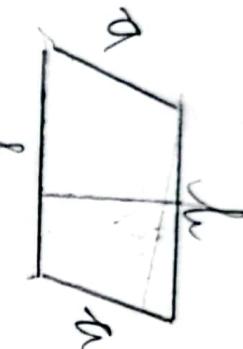
$$a = 31 \text{ cm} \quad P = a \cdot a \quad \checkmark$$

A

3. Izračunaj obseg in ploščino paralelograma, če je

$a=6\text{cm}$, $b=7\text{cm}$ in $v_b=3\text{cm}$.

0,5	4
-----	---

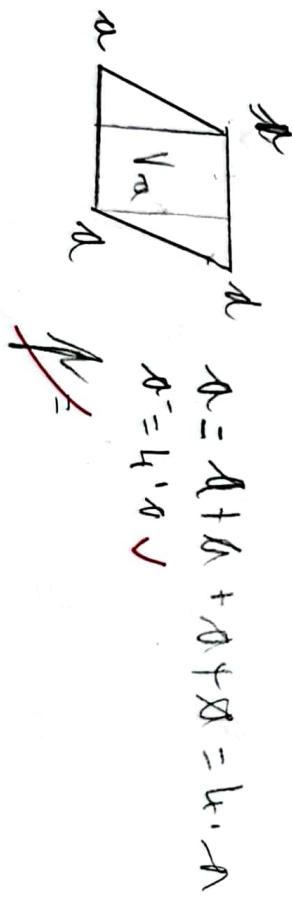

$$O = a + b + a + b \checkmark$$
$$O = 2 \cdot a + 2 \cdot b \checkmark$$

$$O = \frac{12}{2} + \frac{14}{2} = \frac{26}{2}$$
~~$$P = \frac{1}{2} \cdot \sqrt{13^2 - 7^2}$$
$$\sqrt{\frac{36}{2}} = \sqrt{18}$$~~

4. Izračunaj dolžino stranice a in ploščino romba, če je

9	4
---	---

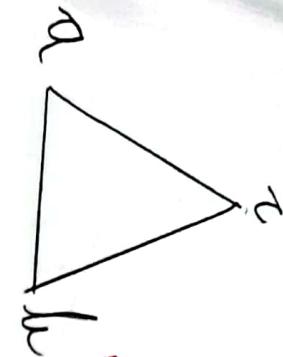
$o=33\text{m}$ in $v_a=\frac{16}{3}\text{ m}$.



5. Izrač.

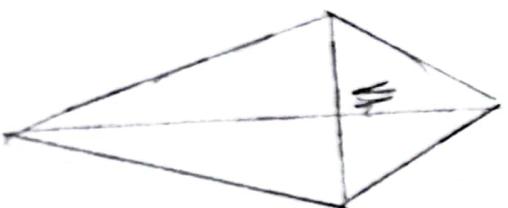
5. Izračunaj obseg in ploščino trikotnika, če je $a=13\text{dm}$,
 $b=8\text{dm}$, $c=17\text{dm}$ in $v_b=3\text{dm}$.

25 4



$$o = a + b + c = 38 \text{ dm} \quad \checkmark$$

$$p = \frac{a+b+c}{2} = \frac{13+8+17}{2} = \frac{48}{2}$$



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

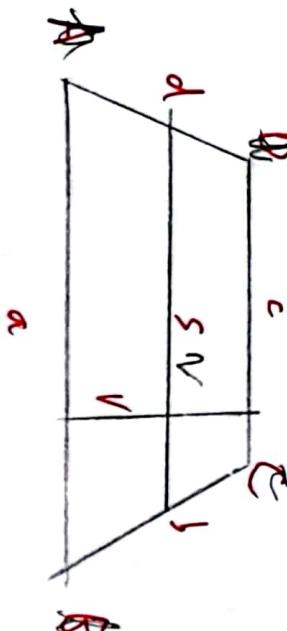
~~$$o = p \cdot \frac{\sqrt{e^2 - f^2}}{2}$$~~

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

$$\boxed{4}$$

$$a = b + c + d + v \quad \checkmark$$

$$a = 11,6\text{cm}$$



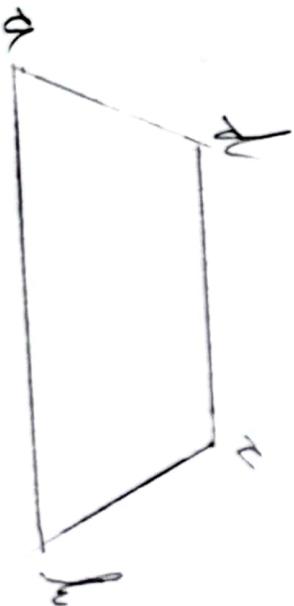
~~$p = n$~~

8. Izračunaj dolžino stranice a trapeza s podatki:

$$\boxed{0} \quad \boxed{4}$$

$c=25\text{mm}$, $p=81\text{mm}^2$ in $v=3\text{mm}$.

$$a = b + c + d - v$$



~~z~~

Ime in priimek: Matjaž Širpek

Datum: 7. 5. 24



Točke, odstotki, ocena: 12 30 40% (1)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama 1 4

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

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

$$P = a \cdot b \quad \checkmark$$

2. Obseg kvadrata meri 124cm koliko meri stranica a in 2 4
koliko je ploščina kvadrata?

$$a = 124 \text{ cm} : 4 = 31 \text{ cm}$$

$$a = 31 \text{ cm}$$

$$P = a \cdot a \quad \checkmark$$

$$P = 31 \cdot 31 \quad \checkmark$$

~~$$P = 601$$~~

3. Izračunaj obseg in ploščino paralelograma, če je

$$a=6\text{cm}, b=7\text{cm} \text{ in } v_b=3\text{cm}.$$

2	4
---	---

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

$$\begin{aligned} P &= a + b \\ P &= 6 + 7 \\ P &= 13 \text{ cm} \end{aligned}$$

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

$$P = 13 \text{ cm}$$

4. Izračunaj dolžino stranice a in ploščino romba, če je

$$o=33\text{m} \text{ in } v_a=\frac{16}{3}\text{ m}.$$

~~3. izračun~~ 3. izračun

$$a = 33 : 4 \quad 3 \cdot 4$$

$$O = 8 \cdot 15$$

$$P = \frac{a \cdot v_a}{2}$$

$$P = \frac{8 \cdot 15 \cdot 3.25}{2}$$

$$P = 114 \cdot 25$$

5. Izračunaj obseg in ploščino romba, če je
a=8cm, b=8cm in v_a=4cm.

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

35 4

$$O = a + b + c \quad \checkmark$$

$$P = \frac{b \cdot v_b}{2} \quad \checkmark$$

pitagor

$$O = 13 + 8 + 17 \quad \checkmark$$

$$O = 38 \text{dm} \quad \checkmark$$

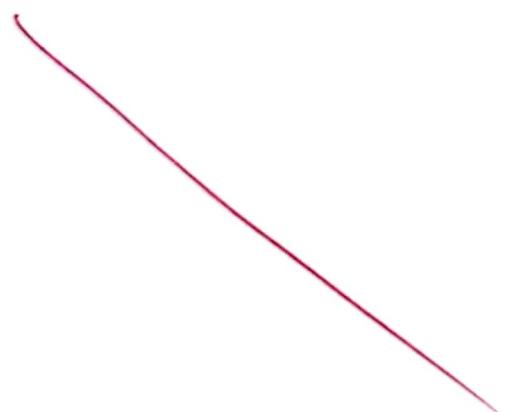
$$P = \underline{8 \cdot 3} = \quad \checkmark$$

$$P = 12 \text{dm}^2 \quad \checkmark$$

6. Izračunaj diagonalo Δ deltoida s podatki $e=7\text{mm}$ in

e	2
-----	---

$$p=49\text{mm}^2.$$



7. Izračunaj obseg in ploščino trapeza s podatki $a=7,7\text{cm}$,

2	5
4	

$$b=11,6\text{cm}, o=6,3\text{cm}, d=10,4\text{cm}, v=5\text{cm}.$$

$$o=a+b+c+d \quad \checkmark$$

$$P=s \cdot V \quad \checkmark$$

$$s = \sqrt{19,3^2 + 25,6^2 + 36^2}$$

$$o = 7,7 + 11,6 + 6 : 3 + 10,4$$

$$o = 36 \text{ cm} \quad \checkmark$$

8. Izračunaj dolžino stranice a trapeza s podatki:

0	4
---	---

$$c=25\text{mm}, p=81\text{mm}^2 \text{ in } v=3\text{mm}.$$

$$a = 10,25$$

Deltoid

$$Cr = \frac{e \cdot f}{2}$$

Romb

$$D = 4 \cdot c$$

Par. Va

trapez

$$O = a + b + c + d$$

$$S = \frac{a+c}{2} \cdot h$$

$$P = S \cdot V = \frac{a+c}{2} \cdot V$$

Nati

Ime in priimek: Mihal

$$\begin{array}{r} 724.4 \\ \hline 496 \end{array}$$

Datum: 7.5.2024



Točke, odstotki, ocena:

10,5	30
------	----

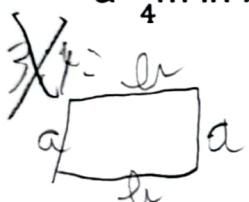
 35% (1) + prepisoval

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama

0,5	4
-----	---

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



$$\begin{array}{l} a = 72 \\ b = 60 \end{array}$$

$$o = 2 \cdot a + 2 \cdot b \checkmark$$

$$o = 2 \cdot 72 + 2 \cdot 60 \quad \text{RDNH}$$

$$o = 24 + 120$$

$$o = 144 \text{ cm}$$

$$\begin{array}{r} 72 \cdot 2 \\ \hline 24 \end{array}$$

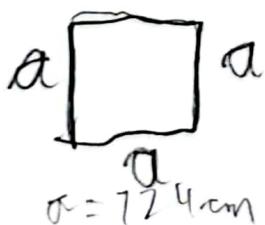
$$\begin{array}{r} 60 \cdot 2 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 720 \\ + 24 \\ \hline 744 \end{array}$$

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

0,5	4
-----	---

a koliko je ploščina kvadrata?



$$o = 4 \cdot a \checkmark$$

$$o = 4 \cdot 72 \cancel{4}$$

$$\cancel{o = 4 \cdot 60 \text{ cm}}$$

$$0,5 \quad 4$$

$$\begin{array}{r} 72 \\ + 74 \\ \hline 146 \end{array}$$

~~manjam~~

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

3,5	4
-----	---



$$o = a + b + a + b = 2 \cdot a + 2 \cdot b \checkmark$$

$$o = 2 \cdot 6 + 2 \cdot 7 \checkmark$$

$$o = 12 + 14$$

$$o = 26 \text{ cm} \checkmark$$

$$P = a \times b$$

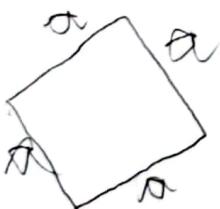
$$P = 21 \text{ cm}^2$$

$$\frac{16}{3} \quad \frac{16 \cdot 3 = 48}{7} \quad \frac{48}{7}$$

4. Izračunaj dolžino stranice a in ploščino romba, če je

$$o=33\text{m} \text{ in } v_a=\frac{16}{3}\text{ m.}$$

0,5	4
-----	---



$$\frac{33}{4} = 8 \text{ m}$$

$$a = \frac{33}{4} = 8 \text{ m} \checkmark$$

$$P = a \cdot v_a$$

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

3	4
---	---

$$\triangle \quad a = a + b + c \checkmark$$

$$a = 13 + 8 + 17$$

$$a = 38 \text{ dm} \checkmark$$

~~Pravokotnik~~

$$r = \frac{a \cdot b}{2} \checkmark$$

$$r = \frac{8 \cdot 3}{2}$$

$$r = 12 \text{ dm} \checkmark$$

ℓ

6. Izračunaj diagonalo e deltoida s podatki $e=7\text{mm}$ in

1	2
---	---

$$r = \frac{e \cdot f}{2} \checkmark$$

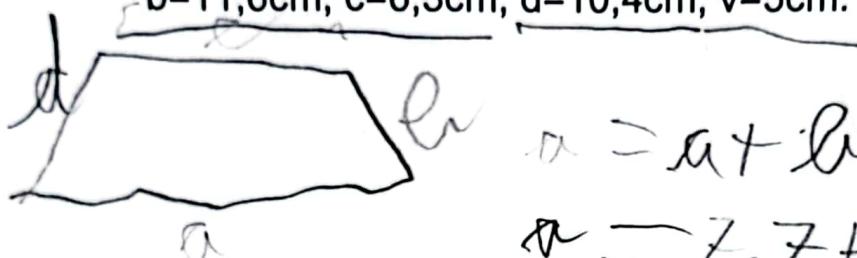
$$r = \frac{7 \cdot 8}{2}$$

$$49 \text{ mm}^2 = \frac{7 \cdot 8}{2} \checkmark$$

$$\begin{array}{r}
 7,7 \\
 + 6,3 \\
 \hline
 14,0
 \end{array}
 \quad
 \begin{array}{r}
 740,2 = 70 \\
 11 \\
 + 6,3 \\
 \hline
 740,3
 \end{array}
 \quad
 \begin{array}{r}
 7,7 \\
 - 6,0 \\
 \hline
 1,7
 \end{array}
 \quad
 \begin{array}{r}
 350 \\
 - 15 \\
 \hline
 4
 \end{array}$$

7. Izračunaj obseg in ploščino trapeza s podatki $a=7,7\text{cm}$, ~~15~~ 4

$b=11,6\text{cm}$, $c=6,3\text{cm}$, $d=10,4\text{cm}$, $v=5\text{cm}$.



$$s = a + b + c + d \checkmark$$

$$s = 7,7 + 11,6 + 6,3 + 10,4$$

$$s = 35,0 \text{ cm}$$

$$P = \frac{s}{2} = \frac{35}{2} = \frac{7,7 + 6,3}{2}$$

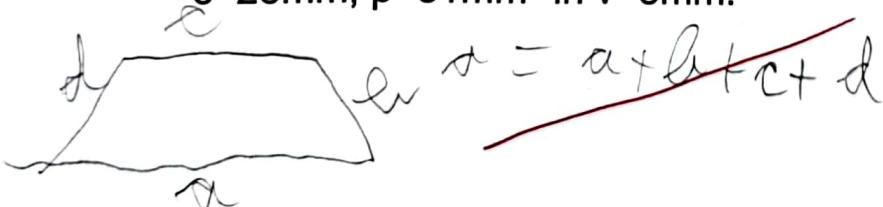
$$P = 17,5 = \frac{14,0}{2} \cdot 2$$

$$P = 17,5 = 14,0 : 2 =$$

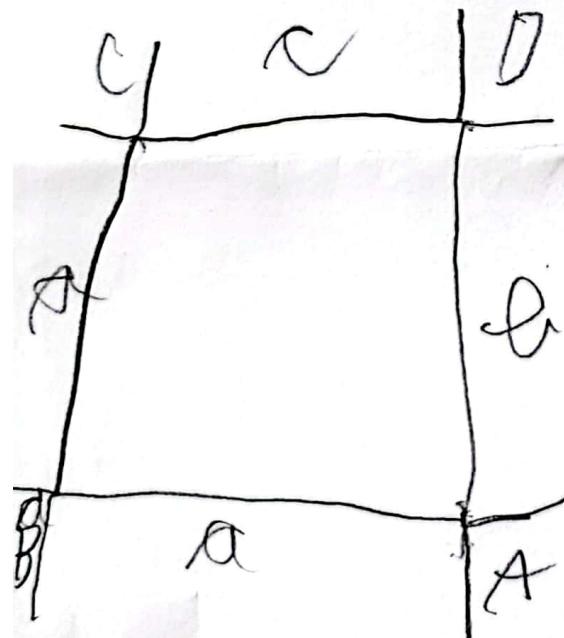
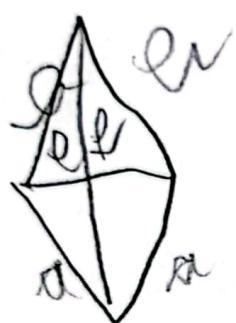
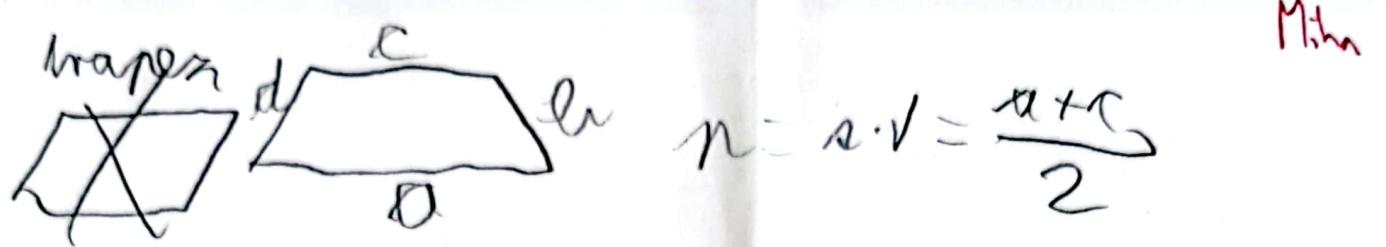
$$P = 5,5$$

8. Izračunaj dolžino stranice a trapeza s podatki: 0 4

$c=25\text{mm}$, $p=81\text{mm}^2$ in $v=3\text{mm}$.



$$s = a + b + c + d$$



Ime in priimek: Mojmir Juhanić

Datum: 7.5.



Točke, odstotki, ocena:

30

166%

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama **4**

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

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

$$\cancel{\sigma = \frac{3}{4} + \frac{12}{5} = \frac{3}{4} \cdot \frac{12}{5} = \frac{4}{8}}$$



$$\sigma = 2 \cdot 12 + 2 \cdot 9$$

$$\cancel{\sigma = \frac{3}{4} + \frac{12}{5} = \frac{3}{4} \cdot \frac{12}{5} = \frac{4}{8}}$$

2. Obseg kvadrata meri 124cm koliko meri stranica a in **4**

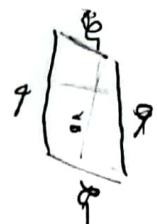
4

$$\sigma = 4 \cdot 9$$

$$\begin{array}{r} 124 \\ 246 \\ 416 \\ \hline 212 \end{array}$$

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

15	4
----	---


$$o = 2 \cdot a + 2 \cdot b \quad \checkmark$$
$$o = 2 \cdot 6 + 2 \cdot 7 \quad \checkmark$$
$$o = 12 + 14$$
$$o = 26$$

$$P = \cancel{2 \cdot \sqrt{b}}$$

$$\frac{35}{4^2}$$

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

C	4
---	---

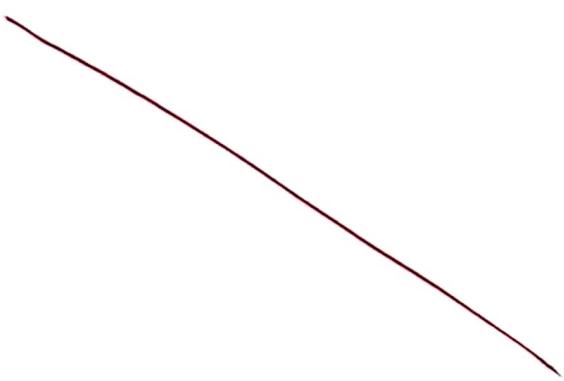
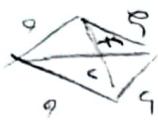
5. Izračunaj

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

1	4
---	---


$$\begin{aligned} \text{O} &= a + b + c \\ \text{O} &= 13 + 8 + 17 \\ \text{O} &= 24 \text{ dm} \end{aligned}$$

6. Izračunaj diagonalo e deltoida s podatki e=7mm in $\boxed{\text{ } 2}$



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

$$\boxed{15} \quad \boxed{4}$$

$$s = a + b + c + d \quad \checkmark$$
$$s = 7,7 + 11,6 + 6,3 + 10,4 \quad \checkmark$$
$$\underline{s = 45,4\text{ cm}}$$

$$11 \quad 11 \quad 10$$
$$18 \quad 39 \quad 45$$

$$7 \quad 6 \quad 3 \quad 4$$
$$\cancel{15} \quad 16 \quad 20$$
$$4$$



8. Izračunaj dolžino stranice a trapeza s podatki:

0	4
---	---

$c=25\text{mm}$, $p=81\text{mm}^2$ in $v=3\text{mm}$.