Ime in priimek: GABER OBLAK

Datum: 12. 1. 2024

Točke, odstotki, ocena: 13,5 | 30 45% (1)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama $a=\frac{2}{5}$m in $b=\frac{5}{6}$m. | 1 | 4

$o = \frac{150}{30m} = \frac{50}{10m} \quad \frac{15}{3m} \quad \frac{3}{1m} = 3m = \frac{2}{1m} + \frac{5}{6m}$

$\frac{12}{30m} \quad \frac{25}{30m} \quad \frac{37}{30m}$

$P = 4,8m$ o $\frac{2}{1m} \cdot 2m \quad \frac{4}{10m} +$ $\frac{5}{6m} \cdot 2 \quad \frac{10}{12}$ $4,8m$

$\frac{4}{10m} + \frac{10}{12m} =$ $12 \cdot 4$ $\frac{50 \quad 150}{30m \quad 30}$

2. Obseg kvadrata meri 64cm koliko meri stranica a in koliko je ploščina kvadrata? | 3,5 | 4

$a = 16\,cm$ ✓

$p = 256\,cm^2$ ✓

□ 64 = cm obseg je obseg je 16cm

64cm : 4cm = 16cm

24

16cm · 16cm 16cm · 16cm =

16cm

5

1 6

1 6 256cm

preteče je 16cm · 16cm = 176cm

3. Izračunaj obseg in ploščino paralelograma, če je a=7cm, b=4cm in v_a=2cm.

3,5	4

o = 22 cm ✓
p = 14 cm² ✓

4. Izračunaj dolžino stranice a in ploščino romba, če je o=30m in $v_a=\frac{14}{3}$ m.

0,5	4

5. Izračunaj obseg in ploščino trikotnika, če je a=12dm, b=11dm, c=8dm in v_b=4dm.

3,5	4

o = 31 dm ✓

p = 22 dm² ✓

c 12 dm
a 11 dm
8 dm
31 dm

Rešitev: v_b 4 dm i 11 dm = 44 dm
44 : 2 = 22 dm

6. Izračunaj diagonalo e deltoida s podatki f=7mm in p=28mm².

0,5	2

e = 4 mm

28 m² ✓

28 : 7 = 4

E je 4 dm ✓

7. Izračunaj obseg in ploščino trapeza s podatki a=6,8cm, b=9,6cm, c=3,2cm, d=8,4cm, v=6cm.

9,5	4

$o = 38cm$

$p = 54 cm$

o 38cm

34cm 6,8cm

+ 9,6cm

+ 3,2cm

+ 8,4 cm

21

10 cm

38 cm

38 cm

v: P 6 cm = 34 cm

8. Izračunaj dolžino stranice a trapeza s podatki: c=8mm, $p=36mm^2$ in v=3mm.

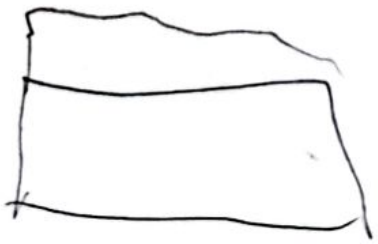
9,5	4

$a = 12mm$

o 12 mm

8cm

36 : 8 = 4 cm = 12^3



Ime in priimek: Matic Šipek

Datum: 21.5.24

Točke, odstotki, ocena: | 20 | 30 | 66,6̄ % | (3)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama $a=\frac{2}{5}$m in $b=\frac{5}{6}$m. | 2 | 4 |

$O = 2,46$ m

$P = 0,33 = 0,5\ m^2$

$p = \frac{1}{3}$

$O = 2 \cdot a + 2 \cdot b$ ✓

$O = 2 \cdot 0,4 + 2 \cdot 0,83 =$ 1,66

$P = a \cdot b$ ✓

$P = 0,4 \cdot 0,83$

$0,83 \cdot 2$

1,66

1,66 + 0,80 = 2,46

$b = \frac{5}{6}\ m = 5 : 6 = 0,83$

50 20

$a = \frac{2}{5}\ m = 2 : 5 = 0,4$ ✓

20

2. Obseg kvadrata meri 64cm koliko meri stranica a in koliko je ploščina kvadrata? | 1,5 | 4 |

$O = 4 \cdot a$ ✓ $: 4$

$a = 31$ cm

$P = a \cdot a$ ✓

$P = 31 \cdot 31$

$P = 961\ cm$

$31 \cdot 31 =$

93

31

961

3. Izračunaj obseg in ploščino paralelograma, če je a=7cm, b=4cm in v_a=2cm.

3,5	4

o = 2 · a + 2 · b ✓
o = 2 · 7 + 2 · 4
o = 22 cm ✓
p = a · v_a ✓
p = 7 · 2
p = 14 cm^2 ✓

4. Izračunaj dolžino stranice a in ploščino romba, če je o=30m in $v_a=\frac{14}{3}$ m.

3	4

o = 30 m
o = 4 · a / : 4
a = 7,5 m ✓
p = a · v_a ✓
p = 7,5 · 4,6
p = 34,5 m^2

30 : 4 = 7,5
20
$\frac{14}{3}$ = 14 : 3 = 4,6
20
20

7,5 · 4,6
30
45
34,5

5. Izračunaj obseg in ploščino trikotnika, če je a=12dm, b=11dm, c=8dm in v_b=4dm.

3,5	4

a=12dm
b=11dm
c=8dm
O=a+b+c ✓
O=12+11+8
O=31dm ✓
$P=\frac{b \cdot v_b}{2}$ ✓
$P=\frac{11 \cdot 4}{2}$
$P=22dm^2$ ✓

6. Izračunaj diagonalo e deltoida s podatki f=7mm in $p=28mm^2$.

1,5	2

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

e=?
$p=28mm^2$
f=7mm

$e=\frac{2 \cdot 28}{7}$

e=8mm ✓

7. Izračunaj obseg in ploščino trapeza s podatki a=6,8cm, b=9,6cm, c=3,2cm, d=8,4cm, v=6cm.

3,5	4

$O = a + b + c + d$ ✓

$O = 6,8 + 9,6 + 3,2 + 8,4$

$O = 28cm$ ✓

$P = S \cdot V$ ✓

$S = \frac{a+c}{2}$ ✓

$S = \frac{6,8 + 3,2}{2}$

$S = 5cm$ ✓

$P = 5 \cdot 6$

$P = 30cm^2$ ✓

9,6
8,4
18,0
6,8
+ 3,2
16,1
28cm

8. Izračunaj dolžino stranice a trapeza s podatki: c=8mm, p=36mm² in v=3mm.

1,5	4

36 : v

36 : 8

36 : 8 = 4,5
40

36 : 3 = 12

4,5 · 2
9,0

S = 12 ✓

Ime in priimek: Miha Lunder

Datum: _____

Točke, odstotki, ocena: | 19 | 30 | 63,3% | (3)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama | 3 | 4 |

$a = \frac{2}{5}$ m in $b = \frac{5}{6}$ m.

$a = \frac{2}{5}$ m

$b = \frac{5}{6}$ m

$o = 2 \cdot a + 2 \cdot b$ ✓

$o = 2 \cdot \frac{2}{5} + 2 \cdot \frac{5}{6}$ ✓

$o = \frac{4}{5} + \frac{10}{6}$ ✓

$o = \frac{34}{30}$ m

$+\frac{10}{2}\ \frac{12}{2}$

$10 + 72$

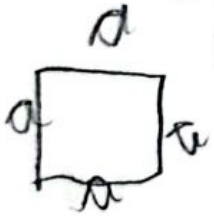
$\frac{4}{10} +$

$p = a \cdot b$ ✓

$p = \frac{2}{5} \cdot \frac{5}{6}$

$p = \frac{10}{30}$ m^2 $= \frac{1}{3}$ m^2

2. Obseg kvadrata meri 64cm koliko meri stranica a in koliko je ploščina kvadrata? | 3,5 | 4 |



$o = 64$ cm

$o = 4 \cdot a$ ✓

$64 = 4 \cdot a$

$a = 16$ cm

$p = a \cdot a = a^2$ ✓

$p = 16 \cdot 16$

$p = 256$ cm^2 ✓

(6) $4 : 4 = 16$

24

$16 \cdot 16$

$16 \cdot 4 \cdot$

64

160

256

3. Izračunaj obseg in ploščino paralelograma, če je a=7cm, b=4cm in v_a=2cm.

4	4

a = 7 cm

b = 4 cm

v_a = 2 cm

o = 2 a + 2 b ✓

o = 2 · 7 + 2 · 4

o = 14 + 8

o = 22 cm ✓

p = a v_a ✓

p = 7 · 2

p = 14 cm^2 ✓ 14 : 2 = 7

4. Izračunaj dolžino stranice a in ploščino romba, če je o=30m in $v_a=\frac{14}{3}$ m.

1,5	4

o = 30 m

$v_a = \frac{14}{3}$ m

o = 4 · a ✓

30 = 4 · a

a = 7,5

p = a · v_a ✓

$p = 75 \cdot \frac{14}{3}$

$p = \frac{1050}{2}$

30 : 4 = 7,5

20

4

8

12

16

20

24

28

$75 \cdot 14$

75

300

1050

12
+ 11
+ 18

37

5. Izračunaj obseg in ploščino trikotnika, če je a=12dm, b=11dm, c=8dm in v_b=4dm.

4	4

o = a + b + c ✓
o = 12 + 11 + 8
o = 37 dm ✓

a = 12 dm
b = 11 dm
c = 8 dm
v_b = 4 dm

$p = \frac{b \cdot v_b}{2}$ ✓

$p = \frac{11 \cdot 4}{2}$

$p = \frac{44}{2}$

$p = 22\ dm^2$ ✓

4,4 : 2 = 22
04

6. Izračunaj diagonalo e deltoida s podatki f=7mm in $p=28mm^2$.

0,5	2

$p = \frac{e \cdot f}{2}$ ✓

$28 = \frac{e \cdot 7}{2}$

e = 4

f = 7 mm
p = 28 mm

28 : 7 = 4

7
14
21
28
35

$$\begin{array}{r} 6,8 \\ +\ 9,6 \\ +\ 3,2 \\ +\ 8,4 \\ \hline 28,0 \end{array}$$

$$\begin{array}{r} 6,8 \\ +3,2 \\ \hline 0 \end{array}$$

7. Izračunaj obseg in ploščino trapeza s podatki a=6,8cm, b=9,6cm, c=3,2cm, d=8,4cm, v=6cm.

2,5	4

$a = 6,8\ cm$
$b = 9,6\ cm$
$c = 3,2\ cm$
$d = 8,4\ cm$
$V = 6\ cm$

$o = a+b+c+d$ ✓
$o = 6,8+9,6+3,2+8,4$
$o = 28,0\ cm$ ✓
$p = \frac{a+c}{2} \cdot V$ ✓
$p = \frac{6,8+3,2}{2} \cdot 6$ ✓

#

8. Izračunaj dolžino stranice a trapeza s podatki: c=8mm, $p=36mm^2$ in v=3mm.

0	4

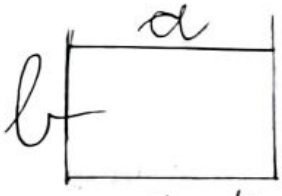
Ime in priimek: Mark Lenardi

Datum: 21. 5. 24

Točke, odstotki, ocena: 21,5 | 30 71,6% (3)

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

1. Izračunaj obseg in ploščino pravokotnika s stranicama $a=\frac{2}{5}$m in $b=\frac{5}{6}$m. 3,5 | 4



pravokotnik

$a=\frac{2}{5}m$

$b=\frac{5}{6}m$

$o=a\cdot 2+b\cdot 2$ ✓

$o=2\cdot\frac{2}{5}+\frac{5}{6}\cdot 2$

$o=\frac{4}{5}+\frac{10}{6}$

$o=\frac{24}{30}+\frac{50}{30}$ ✓

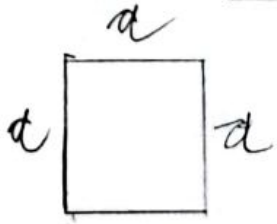
$o=\frac{74}{30}m=\frac{37}{15}m$

$p=a\cdot b$ ✓

$p=\frac{2}{5}\cdot\frac{5}{6}$

$p=\frac{1}{3}m^2$ ✓

2. Obseg kvadrata meri 64cm koliko meri stranica a in koliko je ploščina kvadrata? 4 | 4



kvadrat

$o=64cm$

$o=a\cdot 4\ /:4$

$\frac{o}{:4}=a$

$\frac{64}{4}=a$

$a=16cm$ ✓

$p=256cm^2$ ✓

$p=a\cdot a$ ✓

$p=16\cdot 16$

$p=256cm^2$ ✓

16·16

16
+96
256

64 : 16

4

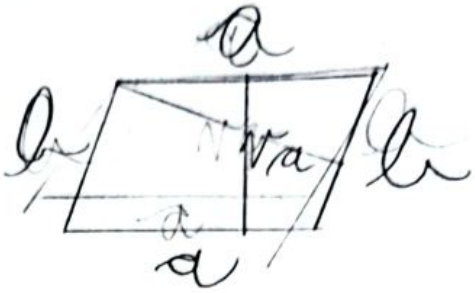
24

$a=16cm$

3. Izračunaj obseg in ploščino paralelograma, če je a=7cm, b=4cm in v_a=2cm.

4	4

paralelogram



a = 7 cm
b = b = 4 cm
v_a = 2 cm

o = 2·a + 2·b ✓ $p = a \cdot v_a$ ✓

o = 2·7 + 2·4 $p = 7 \cdot 2$

o = 14 + 8 $p = 14\ cm^2$ ✓

o = 22 cm ✓

o = 22 cm

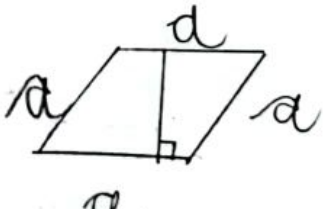
$p = 14\ cm^2$

$p = a \cdot v_a$

4. Izračunaj dolžino stranice a in ploščino romba, če je o=30m in $v_a = \frac{14}{3}$ m.

3	4

romb



o = 30 m

$v_a = \frac{14}{5}$ m

$o = a \cdot 4 / \frac{}{4}$

30 : 4 = 7,5

28

20

a = 7,5 m ✓

$p = \frac{30}{2}\ m^2$

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

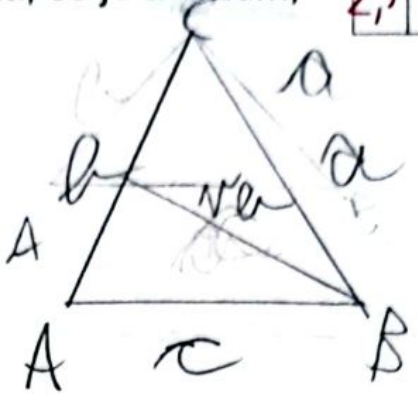
$\frac{30}{4} = a$ ✓

$p = a \cdot v_a$ ✓

$p = \frac{30}{4} \cdot \frac{2}{1}$

5. Izračunaj obseg in ploščino trikotnika, če je a=12dm, b=11dm, c=8dm in v_b=4dm.

2,5	4



trikotnik

a = 12 dm
b = 11 dm
c = 8 dm
v_a = 4 dm

o = 31 dm ✓
p = ~~44 dm²~~

o = a + b + c ✓
o = 12 + 11 + 8
o = 31 dm ✓
p = a · v_a
p = 11 · 4

12
+11
+8
31

p = ~~44 dm~~

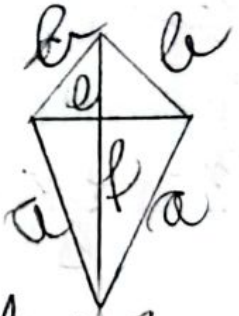
6. Izračunaj diagonalo e deltoida s podatki f=7mm in p=28mm².

0,5	2

deltoida

p = 28 mm²
f = 7 mm

e = ~~6 mm~~
e = 2,



$p = \frac{e \cdot f}{2} \mid \cdot 2$

$p \cdot 2 = e \cdot f \mid : f$

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

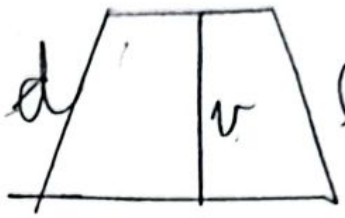
$\frac{28 \cdot 2}{7} = e$

$\frac{4 \cdot 2}{1} = 8$

4
1

7. Izračunaj obseg in ploščino trapeza s podatki a=6,8cm, b=9,6cm, c=3,2cm, d=8,4cm, v=6cm.

3,5	4



trapez

a=6,8 cm

b=9,6 cm

c=3,2 cm

d=8,4 cm

v=6 cm

o=28 cm

p=25,6 cm²

o=a+b+c+d ✓

o=6,8+9,6+3,2+8,4

o=28 cm ✓

$p=\frac{a+c}{2}\cdot v$ ✓

$p=\frac{6,8+3,2}{2}\cdot 6$

$p=\frac{10}{2}\cdot 6$

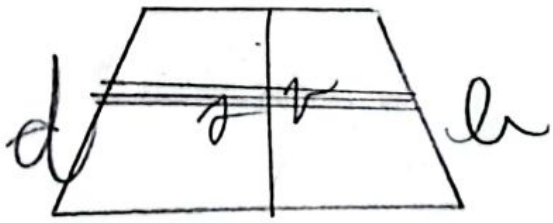
p=25,6 cm²

6,8 + 9,6 + 3,2 + 8,4 = 28

6,8 + 3,2 = 10 ; 10 · 6 = 60 ; 60 : 2 = 30

8. Izračunaj dolžino stranice a trapeza s podatki: c=8mm, p=36mm² in v=3mm.

0,5	4



trapez

c=8

p=36 mm²

v=3 mm

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

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

$\frac{2p}{v}=a+c$

$\frac{2p}{v}-c=a$

a=19 mm

36 : 3 = 12

12 + 8 = 20

20 − 1 = 19