

↗ Procjenjivati vrijednosti drugoga korijena pozitivnoga racionalnoga broja; procjenjivati cjelobrojni dio vrijednosti drugoga korijena; izračunavati i približno određivati drugi korijen uporabom džepnoga računala.

↗ Računati s korijenima; djelomično korjenovati; racionalizirati nazivnik $\frac{a}{\sqrt{b}}$.

PRIMJERI, ZADATCI

1. Izračunaj:

- | | | |
|------------------------------------|---------------------------------|----------------------------------|
| a) 17^2 | b) 127^2 | c) 0^2 |
| d) $(-5)^2$ | e) $\left(\frac{2}{3}\right)^2$ | d) $\left(-\frac{1}{4}\right)^2$ |
| e) 0.9^2 | h) $(-0.01)^2$ | i) $(-2.8)^2$ |
| j) $-\left(\frac{19}{31}\right)^2$ | k) 0.47^2 | l) 0.054^2 . |

2. Izračunaj:

- | | |
|--|--|
| a) $\left(-\frac{3}{4}\right)^2 - \left(\frac{1}{2}\right)^2$ | b) $0.5 - \left(-\frac{4}{5}\right)^2$ |
| c) $\left(\frac{2}{3}\right)^2 \cdot \left(-\frac{3}{2}\right)^2$ | d) $\left(-\frac{1}{7}\right)^2 : \frac{2}{7}$ |
| e) $\left(\frac{2}{3}\right)^2 + \left(\frac{1}{2} - \frac{1}{3}\right)^2$ | f) $\left(\frac{2}{3} + \frac{1}{2}\right)^2 - \left(\frac{1}{3}\right)^2$. |

3. Između brojeva napiši znakove <, > ili =:

- | | | | |
|---------------------------------|--------------------------------|----------------------------------|----------------------------------|
| a) $\left(\frac{3}{7}\right)^2$ | $\left(-\frac{7}{3}\right)^2$ | b) 0.125^2 | $\left(-\frac{1}{8}\right)^2$ |
| c) $(-0.7)^2$ | $\left(\frac{14}{20}\right)^2$ | d) $\left(-\frac{5}{4}\right)^2$ | $\left(\frac{37}{48}\right)^2$. |

4. Izračunaj površinu kvadrata kojemu je duljina stranice:

- a) 6 cm b) 5.2 cm c) $\frac{29}{5}$ cm.

5. Izračunaj:

- a) $2(3x - 1)$ b) $\frac{1}{2} \left(\frac{4}{3}x + 2 \right)$
c) $x(2x - 3)$ d) $-\frac{3}{2}x \left(\frac{2}{3}x - \frac{2}{3} \right)$
e) $0.3x(2x - 1.4)$ f) $0.7xy(2x - 3y)$.

6. Izračunaj:

- a) $(2x + 3)(3x + 5)$ b) $(x + 2)(2x - 3)$.

7. Izračunaj:

- a) $(2x)^2$ b) $\left(\frac{-5x}{2} \right)^2$
c) $(0.7ab)^2$ d) $(8xy)^2 - (2xy)^2$
e) $(12abc)^2$ f) $(-4xy)^2 + (2xy)^2$.

8. Izračunaj:

- a) $(2x + 3)(2x - 3)$ b) $(3x + 2)(3x - 2)$
c) $(x - 2y)(x + 2y)$.

9. Kvadriraj:

- a) $(x + 5)^2$ b) $(2x + 3)^2$.

10. Kvadriraj:

- a) $(x - 7)^2$ b) $(3x - 2)^2$.

11. Napiši u obliku umnoška:

- a) $a^2 - b^2$ b) $x^2 - 4^2$ c) $4x^2 - 9y^2$.

SLOŽENIJI ZADATCI

1. Izračunaj:

a) $\left(-\frac{2}{3} \cdot \frac{5}{3}\right)^2 - \left(\frac{3}{2}\right)^2$

b) $\left(\frac{-5}{6} \cdot 1\frac{1}{2} - 1\right)^2 : \frac{3^2}{5}$

c) $\left(\frac{2}{5} - 0.7\right)^2 \cdot (-1.4)^2.$

2. Izračunaj:

a) $\left(\frac{1}{2}x - 2\right)\left(4x + \frac{3}{2}\right)$

b) $\left(1 - \frac{1}{2}x\right)\left(\frac{2}{5} - x\right)$

c) $(2x - 0.5)(1.3 + x)$

d) $-5(4 - 0.72x) \cdot (2x - 1).$

3. Izračunaj:

a) $\left(\frac{1}{2}x - 2\right)\left(\frac{1}{2}x + 2\right)$

b) $(7a + 4xy)(7a - 4xy)$

c) $(0.6ab - 5c)(0.6ab + 5c).$

4. Kvadriraj:

a) $\left(\frac{1}{2}x + 2\right)^2$

b) $\left(\frac{4}{5}xy + \frac{5}{4}\right)^2$

c) $(1.8x + 2.5)^2$

d) $\left(\frac{a+2}{a-1}\right)^2.$

5. Kvadriraj:

a) $\left(\frac{2}{7}x - \frac{7}{4}\right)^2$

b) $\left(\frac{2}{3} - 3x\right)^2$

c) $(0.6 - 1.7ab)^2$

d) $\left(\frac{d-1}{d+1}\right)^2.$

6. Izračunaj:

a) $5(2x + 3)^2$

b) $(x + 7y)^2 + (2x + y)^2$

c) $3(0.5y + z)^2 - (y + 3z)^2$

d) $2(x + 4y)^2 - 5(2x + 3y)^2.$

I. KVADRIRANJE I KORJENOVANJE

1. a) $17^2 = 289$ b) $127^2 = 16129$
 c) $0^2 = 0$ d) $(-5)^2 = 25$
 e) $\left(\frac{2}{3}\right)^2 = \frac{4}{9}$ f) $\left(-\frac{1}{4}\right)^2 = \frac{1}{16}$
 g) $0.9^2 = 0.81$ h) $(-0.01)^2 = 0.0001$
 i) $(-2.8)^2 = 7.84$ j) $-\left(\frac{19}{31}\right)^2 = -\frac{361}{961}$
 k) $0.47^2 = 0.2209$ l) $0.054^2 = 0.002916$
2. a) $\left(-\frac{3}{4}\right)^2 - \left(\frac{1}{2}\right)^2 = \frac{9}{16} - \frac{1}{4} = \frac{9-4}{16} = \frac{5}{16}$
 b) $0.5 - \left(-\frac{4}{5}\right)^2 = \frac{1}{2} - \frac{16}{25} = \frac{25-32}{50} = -\frac{7}{50}$
 c) $\left(\frac{2}{3}\right)^2 \cdot \left(-\frac{3}{2}\right)^2 = \frac{4}{9} \cdot \frac{9}{4} = 1$
 d) $\left(-\frac{1}{7}\right)^2 : \frac{2}{7} = \frac{1}{49} \cdot \frac{7}{2} = \frac{1}{14}$
 e) $\left(\frac{2}{3}\right)^2 + \left(\frac{1}{2} - \frac{1}{3}\right)^2 = \frac{4}{9} + \left(\frac{3-2}{6}\right)^2 = \frac{4}{9} + \left(\frac{1}{6}\right)^2 = \frac{4}{9} + \frac{1}{36} = \frac{16+1}{36} = \frac{17}{36}$
 f) $\left(\frac{2}{3} + \frac{1}{2}\right)^2 - \left(\frac{1}{3}\right)^2 = \left(\frac{4+3}{6}\right)^2 - \frac{1}{9} = \left(\frac{7}{6}\right)^2 - \frac{1}{9} = \frac{49}{36} - \frac{1}{9} = \frac{49-4}{36} = \frac{45}{36} = \frac{5}{4}$
3. a) $\left(\frac{3}{7}\right)^2 < \left(-\frac{7}{3}\right)^2$ jer je $\frac{9}{49} < \frac{49}{9}$
 b) $0.125^2 = \left(-\frac{1}{8}\right)^2$ jer je $0.015625 = \frac{1}{64}$
 c) $(-0.7)^2 = \left(\frac{14}{20}\right)^2$ jer je $0.49 = \frac{196}{400}$
 d) $\left(\frac{-5}{4}\right)^2 > \left(\frac{37}{48}\right)^2$ jer je $\frac{25}{16} > \frac{1369}{2304}$

4. $P = a^2$

a) $P = 6^2$

$P = 36 \text{ cm}^2$

b) $P = 5.2^2$

$P = 27.04 \text{ cm}^2$

c) $P = \left(\frac{29}{5}\right)^2$

$P = \frac{841}{25} \text{ cm}^2$

5. a) $2(3x-1) = 2 \cdot 3x - 2 \cdot 1 = 6x - 2$

b) $\frac{1}{2} \left(\frac{4}{3}x + 2 \right) = \frac{1}{2} \cdot \frac{4}{3}x + \frac{1}{2} \cdot 2 = \frac{2}{3}x + 1$

c) $x(2x-3) = 2x^2 - 3x$

d) $-\frac{3}{2}x \left(\frac{2}{3}x - \frac{2}{3} \right) = -x^2 + 1$

e) $0.3x(2x-14) = 0.6x^2 - 0.42x$

f) $0.7xy(2x-3y) = 1.4x^2y - 2.1xy^2$

6. a) $(2x+3)(3x+5) = (2x+3) \cdot 3x + (2x+3) \cdot 5 = 6x^2 + 9x + 10x + 15$
 $= 6x^2 + 19x + 15$

b) $(x+2)(2x-3) = (x+2) \cdot 2x - (x+2) \cdot 3 = 2x^2 + 4x - 3x - 6$
 $= 2x^2 + x - 6$

7. a) $(2x)^2 = 2^2 x^2 = 4x^2$

b) $\left(\frac{-5x}{2}\right)^2 = \frac{(-5x)^2}{2^2} = \frac{(-5)^2 x^2}{2^2} = \frac{25x^2}{4}$

c) $(0.7ab)^2 = 0.49a^2 b^2$

d) $(8xy)^2 - (2xy)^2 = 64x^2 y^2 - 4x^2 y^2 = 60x^2 y^2$

e) $(12abc)^2 = 144a^2 b^2 c^2$

f) $(-4xy)^2 + (2xy)^2 = 16x^2 y^2 + 4x^2 y^2 = 20x^2 y^2$

8. a) $(2x+3)(2x-3) = (2x)^2 - 3^2 = 4x^2 - 9$

b) $(3x+2)(3x-2) = (3x)^2 - 2^2 = 9x^2 - 4$

c) $(x-2y)(x+2y) = x^2 - 4y^2$

-
9. a) $(x+5)^2 = x^2 + 2 \cdot x \cdot 5 + 5^2 = x^2 + 10x + 25$
 b) $(2x+3)^2 = (2x)^2 + 2 \cdot 2x \cdot 3 + 3^2 = 4x^2 + 12x + 9$
10. a) $(x-7)^2 = x^2 - 2 \cdot x \cdot 7 + 7^2 = x^2 - 14x + 49$
 b) $(3x-2)^2 = (3x)^2 - 2 \cdot 3x \cdot 2 + 2^2 = 9x^2 - 12x + 4$
11. a) $a^2 - b^2 = (a-b)(a+b)$
 b) $x^2 - 4^2 = (x-4)(x+4)$
 c) $4x^2 - 9y^2 = (2x)^2 - (3y)^2 = (2x-3y)(2x+3y)$
12. a) $2^3 = 2 \cdot 2 \cdot 2 = 8$
 b) $(-3)^3 = -3 \cdot (-3) \cdot (-3) = -27$
 c) $(-5)^4 = -5 \cdot (-5) \cdot (-5) \cdot (-5) = 625$
 d) $\left(\frac{1}{4}\right)^5 = \frac{1}{4} \cdot \frac{1}{4} \cdot \frac{1}{4} \cdot \frac{1}{4} \cdot \frac{1}{4} = \frac{1}{1024}$
 e) $\left(\frac{-7}{8}\right)^3 = \frac{-7}{8} \cdot \left(\frac{-7}{8}\right) \cdot \left(\frac{-7}{8}\right) = \frac{-343}{512}$
 f) $0.1^4 = 0.1 \cdot 0.1 \cdot 0.1 \cdot 0.1 = 0.0001$
13. a) $10 \cdot 10 \cdot 10 \cdot 10 = 10^4$
 b) $10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 = 10^7$
 c) $(-10) \cdot (-10) \cdot (-10) \cdot (-10) \cdot (-10) = (-10)^5$
 d) $(-10) \cdot (-10) \cdot (-10) \cdot (-10) \cdot (-10) \cdot (-10) = (-10)^6$
14. a) $10^3 = 10 \cdot 10 \cdot 10 = 1000$
 b) $10^5 = 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 = 100\,000$
 c) $10^9 = 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 = 1\,000\,000\,000$
 d) $10^{12} = 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 = 1\,000\,000\,000\,000$
15. a) $10^4 = 10\,000$ deset tisuća
 b) $10^6 = 1\,000\,000$ milijun
 c) $10^9 = 1\,000\,000\,000$ milijarda
 d) $10^{10} = 10\,000\,000\,000$ deset milijardi
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16. a) $1 m = 10^2 cm$
 b) $1 km = 10^3 m$
 c) $1 kg = 10^3 g$
 d) $1 t = 10^3 kg$
 e) $1 t = 10^6 g$
17. a) $4 \cdot 10^3 = 4 \cdot 1000 = 4\ 000$
 b) $15 \cdot 10^5 = 15 \cdot 100\ 000 = 1\ 500\ 000$
 c) $28 \cdot 10^4 = 28 \cdot 10\ 000 = 280\ 000$
 d) $32.5 \cdot 10^6 = 32.5 \cdot 1\ 000\ 000 = 32\ 500\ 000$
 e) $0.75 \cdot 10^2 = 0.75 \cdot 100 = 75$
 f) $0.032 \cdot 10^7 = 0.032 \cdot 10\ 000\ 000 = 320\ 000$
 g) $601.2 \cdot 10^5 = 60\ 120\ 000$
18. a) $340 = 34 \cdot 10^1 = 3.4 \cdot 10^2 = 0.34 \cdot 10^3 = 0.034 \cdot 10^4 =$
 b) $251\ 000 = 251 \cdot 10^3 = 25.1 \cdot 10^4 = 2.51 \cdot 10^5 = 0.251 \cdot 10^6 = 0.0251 \cdot 10^7 =$
 c) $7821 = 782.1 \cdot 10 = 78.21 \cdot 10^2 = 7.821 \cdot 10^3 = 0.7821 \cdot 10^4$
 d) $546 = 54.6 \cdot 10 = 5.46 \cdot 10^2 = 0.546 \cdot 10^3 = 0.0546 \cdot 10^4$
19. a) $10^2 \cdot 10^3 = 10^{2+3} = 10^5$
 b) $10^5 \cdot 10^2 \cdot 10^4 = 10^{5+2+4} = 10^{11}$
 c) $10^3 \cdot 10 \cdot 10^4 \cdot 10^6 = 10^{3+1+4+6} = 10^{14}$
20. $1000 = 10^3$ $10\ 000\ 000 = 10^7$
 $10^3 \cdot 10^7 = 10^{3+7} = 10^{10}$
21. $a = 10$ Primjeri:
 a) $a^5 = a^{2+3} = a^2 \cdot a^3$ ili $a^5 = a^{1+4} = a \cdot a^4$
 b) $a^6 = a^{1+5} = a \cdot a^5$ ili $a^6 = a^{2+4} = a^2 \cdot a^4$ ili $a^6 = a^{3+3} = a^3 \cdot a^3$
 c) $a^8 = a^{1+7} = a \cdot a^7$ ili $a^8 = a^{2+6} = a^2 \cdot a^6$ ili $a^8 = a^4 \cdot a^4$
 ili $a^8 = a^3 \cdot a^5$

22. a) $10^9 : 10^3 = 10^{9-3} = 10^6$
 b) $10^5 : 10 = 10^{5-1} = 10^4$
 c) $10^{12} : 10^9 = 10^{12-9} = 10^3$
 d) $10^7 : 10^7 = 10^{7-7} = 10^0 = 1$
23. Jedna milijarda sadrži 10^6 tisuća.
24. a) $10^{7-3} = 10^7 : 10^3 = 10^4$
 b) Vrijednost te potencije je 10 000.
25. a) $(10^2)^3 = 10^{2 \cdot 3} = 10^6$
 b) $(10^9)^6 = 10^{9 \cdot 6} = 10^{54}$
 c) $(10^3)^{11} = 10^{3 \cdot 11} = 10^{33}$
26. a) $10^{-2} = \frac{1}{10^2} = \frac{1}{100}$
 b) $10^{-5} = \frac{1}{10^5} = \frac{1}{100\,000}$
 c) $10^{-3} = \frac{1}{10^3} = \frac{1}{1000}$
 d) $10^{-1} = \frac{1}{10}$
- * 27. a) $3x^5 - 2x^5 = x^5 (3-2) = x^5 \cdot 1 = x^5$
 b) $2a^7 - 9a^7 = -7a^7$
 c) $5x^3 - 2x^5 - x^3 + 8x^5 = (5x^3 - x^3) + (-2x^5 + 8x^5) = 4x^3 + 6x^5$
 d) $3x^4 - 5x^3 + 2x^3 - 6x^4 = -3x^4 - 3x^3$
- * 28. a) $2^3 \cdot 2^5 = 2^{3+5} = 2^8 = 256$
 b) $x^5 \cdot x^4 = x^{5+4} = x^9$
- * 29. a) $3^8 : 3^3 = 3^{8-3} = 3^5 = 243$ b) $a^6 : a^4 = a^{6-4} = a^2$
- * 30. a) $5^4 \cdot 2^4 = (5 \cdot 2)^4 = 10^4 = 10000$ b) $3^5 \cdot a^5 = (3a)^5$
 c) $(3xy)^3 = 3^3 x^3 y^3 = 27x^3 y^3$

SLOŽENIJI ZADATCI

$$1. \quad \begin{aligned} \text{a)} & \left(-\frac{2}{3} \cdot \frac{5}{3}\right)^2 - \left(\frac{3}{2}\right)^2 = \left(\frac{-10}{9}\right)^2 - \left(\frac{3}{2}\right)^2 = \frac{100}{81} - \frac{9}{4} = \frac{400 - 729}{324} = \frac{-329}{324} \\ \text{b)} & \left(\frac{-5}{6} \cdot \frac{1}{2} - 1\right)^2 : \frac{3^2}{5} = \left(\frac{-5}{6} \cdot \frac{3}{2} - 1\right)^2 : \frac{9}{5} = \left(\frac{-9}{4}\right)^2 \cdot \frac{5}{9} = \frac{81}{16} \cdot \frac{5}{9} = \frac{45}{16} \\ \text{c)} & \left(\frac{2}{5} - 0.7\right)^2 \cdot (-14)^2 = (0.4 - 0.7)^2 \cdot 196 = (-0.3)^2 \cdot 196 = \\ & = 0.09 \cdot 196 = 0.1764 \end{aligned}$$

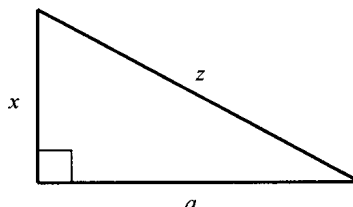
$$2. \quad \begin{aligned} \text{a)} & \left(\frac{1}{2}x - 2\right)\left(4x + \frac{3}{2}\right) = 2x^2 - 8x + \frac{3}{4}x - 3 = 2x^2 - \frac{29}{4}x - 3 \\ \text{b)} & \left(1 - \frac{1}{2}x\right)\left(\frac{2}{5} - x\right) = \frac{2}{5} - \frac{1}{5}x - x + \frac{1}{2}x^2 = \frac{2}{5} - \frac{6}{5}x + \frac{1}{2}x^2 \\ \text{c)} & (2x - 0.5)(13 + x) = 26x - 0.65 + 2x^2 - 0.5x = 2x^2 + 21x - 0.65 \\ \text{d)} & -5(4 - 0.72x) \cdot (2x - 1) = (-20 + 3.6x)(2x - 1) = \\ & = -40x + 7.2x^2 + 20 - 3.6x \\ & = 7.2x^2 - 43.6x + 20 \end{aligned}$$

$$3. \quad \begin{aligned} \text{a)} & \left(\frac{1}{2}x - 2\right)\left(\frac{1}{2}x + 2\right) = \frac{1}{4}x^2 - 4 \\ \text{b)} & (7a + 4xy)(7a - 4xy) = 49a^2 - 16x^2y^2 \\ \text{c)} & (0.6ab - 5c)(0.6ab + 5c) = 0.36a^2b^2 - 25c^2 \end{aligned}$$

$$4. \quad \begin{aligned} \text{a)} & \left(\frac{1}{2}x + 2\right)^2 = \frac{1}{4}x^2 + 2x + 4 \\ \text{b)} & \left(\frac{4}{5}xy + \frac{5}{4}\right)^2 = \frac{16}{25}x^2y^2 + 2xy + \frac{25}{16} \\ \text{c)} & (18x + 25)^2 = 324x^2 + 9x + 625 \\ \text{d)} & \left(\frac{a+2}{a+1}\right)^2 = \frac{a^2 + 4a + 4}{a^2 + 2a + 1} \end{aligned}$$

PITAGORIN POUČAK*Broj bodova*

1. Napiši formulu Pitagorina poučka za pravokutan trokut uz oznake kao na slici.

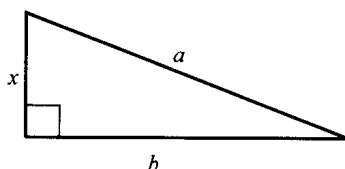


- | | |
|---|---|
| | 1 |
| 2. Izračunaj duljinu hipotenuze c pravokutnoga trokuta ako je duljina katete $a = 12\text{ cm}$ i $b = 5\text{ cm}$. | 1 |
| 3. Izračunaj duljinu katete b pravokutnoga trokuta ako je duljina katete $a = 16\text{ cm}$ i hipotenuze $c = 34\text{ cm}$. | 1 |
| 4. Odredi duljinu stranice kvadrata ako je duljina dijagonale kvadrata $3\sqrt{2}\text{ cm}$. | 1 |
| 5. Duljine kateta pravokutnoga trokuta su 21 mm i 72 mm . Izračunaj opseg toga trokuta. | 2 |
| 6. Opseg kvadrata iznosi 24 cm . Izračunaj opseg kruga opisanoga tomu kvadratu. | 3 |
| 7. Duljina dijagonale pravokutnika iznosi 6.1 cm , a njegova je širina 11 mm . Kolika je površina toga pravokutnika? | 3 |
| 8. Duljine dijagonala romba iznose 48 mm i 20 mm . Izračunaj opseg toga romba. | 3 |
| 9. Krak jednakokravnoga trokuta dugačak je 5 cm , a duljina visine na osnovicu iznosi 48 mm . Izračunaj površinu toga trokuta. | 3 |
| 10. Duljina visine jednakostraničnoga trokuta iznosi $\sqrt{147}\text{ mm}$. Izračunaj opseg i površinu toga trokuta? | 3 |
| 11. Duljine osnovica jednakokravnoga trapeza iznose 30 cm i 14 cm , a duljina njegova kraka je 1.7 dm . Izračunaj površinu toga trapeza. | 5 |

PITAGORIN POUČAK

Broj bodova

1. Napiši formulu Pitagorina poučka za pravokutan trokut uz oznake kao na slici.



- | | |
|---|----------|
| | 1 |
| 2. Izračunaj duljinu katete a pravokutnoga trokuta ako je duljina katete $b = 8\text{ cm}$ i hipotenuze $c = 17\text{ cm}$. | 1 |
| 3. Izračunaj duljinu hipotenuze c pravokutnoga trokuta ako su duljine kateta $a = 11\text{ cm}$ i $b = 60\text{ cm}$. | 1 |
| 4. Odredi duljinu stranice kvadrata ako je dijagonala $d = 6\sqrt{2}\text{ cm}$. | 1 |
| 5. Duljina jedne katete pravokutnoga trokuta iznosi 15 cm , a hipotenuze 39 cm . Izračunaj površinu toga trokuta. | 2 |
| 6. Opseg kvadrata iznosi 36 cm . Izračunaj opseg kruga opisanoga tomu kvadratu. | 3 |
| 7. Duljina dijagonale pravokutnika iznosi 41 cm , a njegova je širina 9 cm . Koliki je opseg toga pravokutnika? | 3 |
| 8. Stranica romba dugačka je 65 mm , a jedna od dijagonala 32 mm . Izračunaj površinu toga romba. | 3 |
| 9. Osnovica jednakokračnoga trokuta iznosi 24 cm , a duljina visine na osnovicu 3.5 dm . Izračunaj opseg toga trokuta. | 3 |
| 10. Duljina visine jednakostraničnoga trokuta iznosi $\sqrt{108}\text{ mm}$. Koliki je opseg i površina toga trokuta? | 3 |
| 11. Duljine osnovica jednakokračnoga trapeza iznose 35 cm i 11 cm , a duljina visine je 3.5 dm . Izračunaj opseg toga trapeza. | 5 |