



| IME IN PRIIMEK: _____

Naloga 1:

2 + 3 + 4

Reši enačbo:

a) $x^2 = \frac{9}{4}$

b) $\sqrt[3]{x+4} = -1$

c) $2x - 1 = \sqrt{7+x}$

Poenostavi:

a) $\left(\frac{1}{8}a^3b^2\right)^{-1} \cdot (-2a^{-1})^{-3}$

b) $\sqrt{a\sqrt[5]{a}}$

c) $\sqrt{a^2\sqrt[3]{a}} : \sqrt[6]{a^5}$

d) $\frac{(8a)^{\frac{1}{3}} \cdot \left((4a)^{\frac{1}{2}}\right)^3 \cdot (16a)^{\frac{3}{4}}}{a^{\frac{1}{4}}}$

e) $\frac{3^{n+1} + 2 \cdot 3^n}{5 \cdot 3^{n-1}}$

Izračunaj:

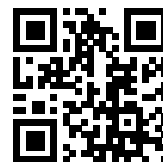
a) $\sqrt{9^{\frac{1}{2}} + 5^0} - \sqrt[3]{\frac{81^{\frac{3}{4}} - 19}{(-2)^3}}$

b) $(\sqrt{3} + 1)(\sqrt{3} - 1) + (\sqrt{5} - \sqrt{3})(\sqrt{3} - \sqrt{5})$

c) $(\sqrt{2} + 1)^2$

d) $((1 + \sqrt[3]{125})^2 - (-3)^3)^{\frac{1}{3}}$

ocena	1	2	3	4	5	uspešnost v %	OCENA
%	[0, 45)	[45, 60)	[60, 75)	[75, 90)	[90, 100]		



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