

Izračunajte natančno vrednost korena $\sqrt{20-6\sqrt{11}}$ =

$$\sqrt{(\sqrt{11}-3)^2} = \sqrt{11}-3$$

$$= \sqrt{20 - \sqrt{396}} = \sqrt{20 - \sqrt{9 \cdot 4 \cdot 11}} =$$

$$= \sqrt{20 - 3 - 2\sqrt{11}} = \sqrt{15 - 2\sqrt{11}} =$$

$$= \sqrt{225 - 121} = \sqrt{\sqrt{104}}$$

$$\begin{aligned} 20 - 3 - 2\sqrt{11} &= \\ &= 15 - 2\sqrt{11} \\ &= \text{OD KOD?} \end{aligned}$$

ISTA PRIPOMBA KOT PRI PREJŠNJI

NALOGI
PLANUM III
150/10 ...
(primer)

$$\begin{aligned} 20 - 6\sqrt{11} &= 11 - 6\sqrt{11} + 9 = \\ &= (\sqrt{11})^2 - 2 \cdot 3\sqrt{11} + 3^2 = \\ &= (\sqrt{11} - 3)^2 \end{aligned}$$