263. Jednadžba: $\sqrt{30-\sqrt{29-\sqrt{12+\sqrt{3x+10}}}}=5$ ima na skupu N:

1. 1 rješenje
2. 2 rješenja
3. 3 rješenja
4. ne postoji rješenje na skupu N

$$\sqrt{30-\sqrt{29-\sqrt{12+\sqrt{3x+10}}}}=5 \quad /^2$$

$$30-\sqrt{29-\sqrt{12+\sqrt{3x+10}}}=25$$

$$-\sqrt{29-\sqrt{12+\sqrt{3x+10}}}=25-30$$

$$-\sqrt{29-\sqrt{12+\sqrt{3x+10}}}=-5 \qquad /\cdot(-1)$$ ovaj korak možemo i preskoćit pa odmah kvadrirat

$$\sqrt{29-\sqrt{12+\sqrt{3x+10}}}=5 \qquad /^2$$ dobit će mo isti rezultat

$$29-\sqrt{12+\sqrt{3x+10}}=25$$

$$-\sqrt{12+\sqrt{3x+10}}=25-29$$

$$-\sqrt{12+\sqrt{3x+10}}=-4 \qquad /(-1)$$

$$\sqrt{12+\sqrt{3x+10}}=4 \qquad /^2$$

$$12+\sqrt{3x+10}=16$$

$$\sqrt{3x+10}=16-12$$

$$\sqrt{3x+10}=4 \qquad /^2$$

$$3x+10=16$$

$$3x=16-10$$

$$3x=6 \quad /:3$$

$$x=2 \quad \rightarrow$$ rješenje br. 1.