s. 73 **Neliöjuuri**

$3^2 = 9$ $\qquad \sqrt{9} = 3$

juuri ↓ $\sqrt{9}$ ↑ juurrettava

esim. $\sqrt{16} = 4$ (koska $4^2 = 16$)

$\sqrt{25} = 5$

$\sqrt{1} = 1$

$\sqrt{0} = 0$

$\sqrt{-4}$ ei voi laskea

negatiivinen juurrettava

373 374 375 376 s. 74

373

a) $\sqrt{4} = 2$ b) $\sqrt{64} = 8$

c) $\sqrt{100} = 10$ d) $\sqrt{36} = 6$

374

a) $\sqrt{1} = 1$ b) $\sqrt{0} = 0$

c) $\sqrt{81} = 9$ d) $\sqrt{-16}$ ei voi laskea

375 a) $\sqrt{121} = 11$ b) $-\sqrt{25} = -5$

c) $\sqrt{144} = 12$

d) $\sqrt{225} = 15$

376 a) $\sqrt{400} = 20$

b) $-\sqrt{1} = -1$

c) $\sqrt{900} = 30$

d) $\sqrt{0,25} = 0,5$

$$\begin{array}{r} 0,5 \\ \cdot\ 0,5 \\ \hline 0,25 \end{array}$$

380 **381** **382**

380 a) $2 \cdot \sqrt{36} = 2 \cdot 6 = 12$

b) $\sqrt{3 \cdot 12} = \sqrt{36} = 6$

c) $\sqrt{4} \cdot \sqrt{49} = 2 \cdot 7 = 14$

d) $\sqrt{100} + \sqrt{81} = 10 + 9 = 19$

381 a) $\sqrt{64} - 2 = 8 - 2 = 6$

b) $100 + \sqrt{4} = 100 + 2 = 102$

c) $\frac{\sqrt{100}}{\sqrt{4}} = \frac{10}{2} = 5$

d) $\sqrt{81} - \sqrt{25} = 9 - 5 = 4$

382 a) $\sqrt{50 - 25} = \sqrt{25} = 5$

b) $\sqrt{4^2} = \sqrt{16} = 4$

c) $\sqrt{9} \cdot \sqrt{9} = 3 \cdot 3 = 9$

d) $\sqrt{25} + \sqrt{81} = 5 + 9 = 14$

392 393 395

s. 75