

Mathematik Klasse 9

Hausaufgaben Seite 43:

Aufgabe 5:

- a) $\sqrt{2110} \overset{\ddot{U}}{\approx} \sqrt{2025} = 45$; $\sqrt{2110} \overset{TR}{\approx} 45,935$
- b) $\sqrt{9210} \overset{\ddot{U}}{\approx} \sqrt{10000} = 100$; $\sqrt{9210} \overset{TR}{\approx} 95,969$
- c) $\sqrt{17956} \overset{\ddot{U}}{\approx} \sqrt{16900} = 130$; $\sqrt{17956} = 134$
- d) $\sqrt{695550} \overset{\ddot{U}}{\approx} \sqrt{640000} = 800$; $\sqrt{695550} \overset{TR}{\approx} 833,996$
- e) $\sqrt{820832} \overset{\ddot{U}}{\approx} \sqrt{810000} = 900$; $\sqrt{820832} \overset{TR}{\approx} 905,998$
- j) $\sqrt{864,3} \overset{\ddot{U}}{\approx} \sqrt{900} = 30$; $\sqrt{864,3} \approx 29,399$

Aufgabe 6:

- a) $\sqrt{24} + \sqrt{12} \approx 8,36308$
- b) $\sqrt{32} \cdot \sqrt{2} = \sqrt{32 \cdot 2} = \sqrt{64} = 8$
- c) $\sqrt{\sqrt{60}} \approx 2,78316$
- d) $\sqrt{34} - \sqrt{30} \approx 0,35373$
- e) $\sqrt{99} : \sqrt{33} = \sqrt{99 : 33} = \sqrt{3} \approx 1,73205$