

S. 130, nr. 4+5

nr. 4)

$$a) \sqrt{8} \cdot \sqrt{18} = \sqrt{8 \cdot 18} = \sqrt{144} = \underline{12} \checkmark$$

$$b) \sqrt{2} \cdot \sqrt{32} = \sqrt{2 \cdot 32} = \sqrt{64} = \underline{8} \checkmark$$

$$c) \sqrt{27} \cdot \sqrt{0,3} = \sqrt{27 \cdot 3} = \sqrt{81} = \underline{9} \checkmark$$

$$d) \sqrt{12} \cdot \sqrt{0,3} = \sqrt{12 \cdot 3} = \sqrt{36} = \underline{6} \checkmark$$

$$e) \sqrt{5} \cdot \sqrt{20} = \sqrt{5 \cdot 20} = \sqrt{100} = \underline{10} \checkmark$$

$$f) \sqrt{7} \cdot \sqrt{28} = \sqrt{7 \cdot 28} = \sqrt{196} = \underline{14} \checkmark$$

$$g) \sqrt{8} \cdot \sqrt{32} = \sqrt{8 \cdot 32} = \sqrt{256} = \underline{16} \checkmark$$

$$h) \sqrt{6} \cdot \sqrt{54} = \sqrt{6 \cdot 54} = \sqrt{324} = \underline{18} \checkmark$$

nr. 5)

$$a) \sqrt{10} \cdot \sqrt{16,9} = \sqrt{10 \cdot 16,9} = \sqrt{169} = \underline{13} \checkmark$$

$$b) \sqrt{1,6} \cdot \sqrt{1000} = \sqrt{1,6 \cdot 1000} = \sqrt{1600} = \underline{40} \checkmark$$

$$c) \sqrt{0,8} \cdot \sqrt{180} = \sqrt{0,8 \cdot 180} = \sqrt{144} = \underline{12} \checkmark$$

$$d) \sqrt{0,3} \cdot \sqrt{1,2} = \sqrt{0,3 \cdot 1,2} = \sqrt{0,36} = \underline{0,6} \checkmark$$

$$e) \sqrt{2,4} \cdot \sqrt{0,6} = \sqrt{2,4 \cdot 0,6} = \sqrt{1,44} = \underline{1,2} \checkmark$$

$$f) \sqrt{1,1} \cdot \sqrt{4,4} = \sqrt{1,1 \cdot 4,4} = \sqrt{4,84} = \underline{2,2} \checkmark$$

$$g) \sqrt{\frac{1}{3}} \cdot \sqrt{48} = \sqrt{\frac{1}{3} \cdot 48} = \sqrt{16} = \underline{4} \checkmark$$

$$h) \sqrt{\frac{4}{5}} \cdot \sqrt{50} = \sqrt{\frac{4}{5} \cdot 50} = \sqrt{40} = \underline{8} \checkmark$$

$$i) \sqrt{40} \cdot \sqrt{3} \cdot \sqrt{27} = \sqrt{40 \cdot 3 \cdot 27} = \sqrt{324} = \underline{18} \checkmark$$

$$j) \sqrt{32} \cdot \sqrt{30} \cdot \sqrt{6} = \sqrt{32 \cdot 30 \cdot 6} = \sqrt{576} = \underline{24} \checkmark$$

Das hast Du gut gemacht!!!

LG Oma

