

① Berechne!

a)  $\sqrt{24} = \sqrt{\underline{\quad} \cdot 24} = \sqrt{\underline{\quad}^2 \cdot 24} = \underline{\quad} \sqrt{2 \cdot 3 \cdot 4}$

b)  $\sqrt{3920} = \sqrt{\underline{\quad} \cdot 80} = \sqrt{\underline{\quad}^2 \cdot 80} = \underline{\quad} \sqrt{4 \cdot 4 \cdot 5}$

c)  $\sqrt{512} = \sqrt{\underline{\quad} \cdot 8} = \sqrt{\underline{\quad}^2 \cdot 8} = \underline{\quad} \sqrt{2 \cdot 4 \cdot 1}$

d)  $\sqrt{2000} = \sqrt{\underline{\quad} \cdot 20} = \sqrt{\underline{\quad}^2 \cdot 20} = \underline{\quad} \sqrt{2 \cdot 2 \cdot 5}$

e)  $\sqrt{2916} = \sqrt{\underline{\quad} \cdot 36} = \sqrt{\underline{\quad}^2 \cdot 36} = \underline{\quad} \sqrt{3 \cdot 3 \cdot 4}$

f)  $\sqrt{54} = \sqrt{\underline{\quad} \cdot 6} = \sqrt{\underline{\quad}^2 \cdot 6} = \underline{\quad} \sqrt{3 \cdot 2 \cdot 1}$

g)  $\sqrt{2304} = \sqrt{\underline{\quad} \cdot 36} = \sqrt{\underline{\quad}^2 \cdot 36} = \underline{\quad} \sqrt{3 \cdot 3 \cdot 4}$

h)  $\sqrt{864} = \sqrt{\underline{\quad} \cdot 24} = \sqrt{\underline{\quad}^2 \cdot 24} = \underline{\quad} \sqrt{2 \cdot 3 \cdot 4}$

i)  $\sqrt{512} = \sqrt{\underline{\quad} \cdot 8} = \sqrt{\underline{\quad}^2 \cdot 8} = \underline{\quad} \sqrt{2 \cdot 2 \cdot 2}$

j)  $\sqrt{288} = \sqrt{\underline{\quad} \cdot 8} = \sqrt{\underline{\quad}^2 \cdot 8} = \underline{\quad} \sqrt{4 \cdot 1 \cdot 2}$