

## 7.5 Lösungen

1.  $\underline{\underline{a+b}}$

2.  $\underline{\underline{2\sqrt{x}}}$

3.  $\underline{\underline{\sqrt[4]{(a^4 - b^4)}}}$

4.  $\underline{\underline{\frac{(x+y)}{z}}}$

5.  $\underline{\underline{\sqrt[3]{x} = x^{\frac{1}{3}}}}$

6.  $\underline{\underline{x}}$

7.  $\underline{\underline{\sqrt[6]{x^7} = x \cdot \sqrt[6]{x}}}$

8.  $\underline{\underline{n^3 \cdot x^2}}$

9.  $\underline{\underline{3,4657}}$

10.  $\underline{\underline{1,3404}}$

11.  $\underline{\underline{1,4758}}$

12.  $\underline{\underline{1}}$

13.  $E = \underline{\underline{\sqrt{u}}}$

14.  $E = \underline{\underline{\sqrt{ab}}} = \sqrt{\frac{2}{7} \cdot \frac{63}{2}} = \sqrt{9} = \underline{\underline{3}}$

15.  $E = \underline{\underline{\sqrt{v}}}$

16.  $\underline{\underline{4 \cdot \sqrt[8]{a^{15}}}} = \underline{\underline{4 \cdot a \cdot \sqrt[8]{a^7}}}$

17.  $\underline{\underline{-4a \cdot (a-2) \cdot (a+1)}}$

18.  $A = \underline{\underline{(a-2)^2}}$