

Wurzeln Aufgabe 94

$$\begin{aligned} & \sqrt[3]{4a^3b} \times \sqrt[3]{18a^2b^2} \times \sqrt[3]{3a} = \\ & = \sqrt[3]{4 \times 18 \times 3 \times a^3 \times a^2 \times a \times b \times b^2} = \\ & = \sqrt[3]{216 \times a^{3+2+1} \times b^{1+2}} = \sqrt[3]{216 \times a^6 \times b^3} = \\ & = 6 \times a^2 \times b \end{aligned}$$