

Poenostavite izraz  $\frac{\sqrt[3]{2a^2b^{-2}} \cdot \sqrt[8]{a^4b^{12}}}{\sqrt{a^3\sqrt{2^{-1}a^{-5}b^8}}}$

$$= \frac{\sqrt[3]{2a^2b^{-2}} \cdot \sqrt{(ab^3)^4}}{\sqrt{\sqrt{2^{-1}a^{-2}b^8}}} = \frac{\sqrt[3]{2a^2b^{-2}} \cdot \sqrt{a^4b^{12}}}{\sqrt{2^{-\frac{1}{2}}a^{-2}b^8}}$$

$$= \frac{\sqrt[3]{2^2a^4b^{-4}} \cdot \sqrt{a^4b^8}}{\sqrt[4]{2^{-\frac{1}{2}}a^{-\frac{4}{2}}b^{\frac{8}{2}}}} = \frac{\sqrt[3]{4a^7b^5}}{\sqrt[4]{2a^4b^{-6}}} = \sqrt[4]{2a^3b^{-1}}$$

~~2!~~

Rezultat je sicer pravilen, toda vmes so napake!