

Correct. $\frac{\sqrt[3]{1,024x^6y^4}}{\sqrt[3]{2x^3y}} = \sqrt[3]{\frac{1,024x^6y^4}{2x^3y}} = \sqrt[3]{\frac{512x^3y^3}{1} \cdot \frac{2x^3y}{2x^3y}}$

$$= \sqrt[3]{512x^3y^3} = \sqrt[3]{512} \cdot \sqrt[3]{x^3} \cdot \sqrt[3]{y^3} = 8xy$$