

JAKÉ SLOVO? - ŘEŠENÍ

$$x^{-2}\sqrt{5^8} : x^{-2}\sqrt{5^5} = 5^{\frac{8}{x-2} - \frac{5}{x-2}} = 5^{\frac{3}{x-2}} \Rightarrow 0$$

$$\sqrt{\frac{4}{9}} = \frac{2}{3} \Rightarrow D$$

$$\frac{\sqrt[5]{2^4}}{\sqrt[5]{2^3}} = 2^{\frac{4}{5} - \frac{3}{5}} = 2^{\frac{1}{5}} \Rightarrow M$$

$$\frac{x^{-2}\sqrt{5^4 \cdot 2^x}}{\sqrt[5]{\frac{2^x}{5^{-1}}}} = x^{-2}\sqrt{\frac{5^4 \cdot 2^x}{5^1 \cdot 2^x}} = x^{-2}\sqrt{5^3} = 5^{\frac{3}{x-2}} \Rightarrow 0$$

$$\sqrt[3]{\frac{27}{8}} = \frac{3}{2} \Rightarrow C$$

$$\sqrt[3]{3^3} : \sqrt[3]{1} = \sqrt[3]{3^3} = 3^{\frac{3}{a}} \Rightarrow N$$

$$\frac{\sqrt[x]{5^3}}{\sqrt[x]{5^2}} = 5^{\frac{3}{x} - \frac{2}{x}} = 5^{\frac{1}{x}} \Rightarrow \text{Ě}$$

$$\sqrt[3]{3^{5-x}} : \sqrt[3]{3^{2-x}} = \sqrt[3]{3^{5-x-(2-x)}} = \sqrt[3]{3^3} = 3^{\frac{3}{a}} \Rightarrow N$$

$$\frac{x+1\sqrt{7^7}}{x+1\sqrt{7^5}} = x+1\sqrt{7^2} = 7^{\frac{2}{x+1}} \Rightarrow E$$

$$\frac{\sqrt[4]{81}}{\sqrt[4]{16}} = \frac{3}{2} \Rightarrow C$$

Odpověď: Výsledné slovo je **ODMOCNĚNEC**.