

$$\begin{aligned} & \left\{ \left[ \left( \frac{1}{x^8 - y^8} : \frac{1}{x^4 + y^4} \right) : \frac{1}{x^2 + y^2} \right] : \frac{1}{x + y} \right\} : \frac{1}{x - y} = \\ & = \frac{(x^4 + y^4)(x^2 + y^2)(x + y)(x - y)}{x^8 - y^8} = \frac{(x^4 + y^4)(x^2 + y^2)(x^2 - y^2)}{x^8 - y^8} = \\ & = \frac{(x^4 + y^4)(x^4 - y^4)}{x^8 - y^8} = 1. \end{aligned}$$

*(Neumann Frida, Budapest.)*

*Megoldások száma: 35.*