

Zjednodušte

a)

$$\frac{6x^4}{3xy^2} \cdot \frac{y^3}{2x^2y}$$

b)

$$\frac{9x^5y^4}{5xy^5} \cdot \frac{20y^4}{12x^2y^3}$$

Zjednodušte - řešení

a)

$$\frac{6x^4}{3xy^2} \cdot \frac{y^3}{2x^2y}$$

$$\frac{6x^4}{3xy^2} \cdot \frac{y^3}{2x^2y} = \frac{2x^3}{1y^2} \cdot \frac{y^2}{2x^2} =$$

$$= \underline{\underline{x}} \quad \begin{array}{l} \underline{\underline{x \neq 0}} \\ \underline{\underline{y \neq 0}} \end{array}$$

b)

$$\frac{9x^5y^4}{5xy^5} \cdot \frac{20y^4}{12x^2y^3}$$

$$\frac{9x^5y^4}{5xy^5} \cdot \frac{20y^4}{12x^2y^3} =$$

$$= \frac{9x^4}{5y} \cdot \frac{5y}{3x^2} =$$

$$= \underline{\underline{3x^2}} \quad \begin{array}{l} \underline{\underline{x \neq 0}} \\ \underline{\underline{y \neq 0}} \end{array}$$
