

Zjednodušte

c)

$$\frac{3x^2}{5z} \cdot \frac{4y^3}{6x} \cdot \frac{10z^2}{xy}$$

d)

$$\frac{105x^2}{7xy} \cdot \frac{y^2}{6xz} \cdot \frac{z^2}{5yz}$$

Zjednodušte - řešení

c)

$$\frac{3x^2}{5z} \cdot \frac{4y^3}{6x} \cdot \frac{10z^2}{xy}$$

$$\frac{3x^2}{5z} \cdot \frac{4y^3}{6x} \cdot \frac{10z^2}{xy} =$$

$$= \frac{1x}{1} \cdot \frac{4y^2}{2} \cdot \frac{2z}{1} =$$

$$= \underline{\underline{4xy^2z}} \quad \begin{array}{l} \underline{\underline{x \neq 0}} \\ \underline{\underline{y \neq 0}} \\ \underline{\underline{z \neq 0}} \end{array}$$

d)

$$\frac{105x^2}{7xy} \cdot \frac{y^2}{6xz} \cdot \frac{z^2}{5yz}$$

$$\frac{105x^2}{7xy} \cdot \frac{y^2}{6xz} \cdot \frac{z^2}{5yz} =$$

$$= \frac{15x}{1y} \cdot \frac{y}{6x} \cdot \frac{z}{5z} =$$

$$= \underline{\underline{\frac{1}{2}}} \quad \begin{array}{l} \underline{\underline{x \neq 0}} \\ \underline{\underline{y \neq 0}} \\ \underline{\underline{z \neq 0}} \end{array}$$