

POTENCA PRODUKTA IN ULOMKA

1. Množi!

$$a^5 \cdot a^3 = \underline{\hspace{2cm}} \quad 3x^2 \cdot 2x^3 = \underline{\hspace{2cm}}$$

$$6a^3b^2 \cdot \frac{3}{4}a^2b = \underline{\hspace{2cm}}$$

$$0,3z^2y^5 \cdot 2z^3y = \underline{\hspace{2cm}}$$

2. Deli!

$$a^7 : a^5 = \underline{\hspace{2cm}} \quad 15x^{10} : 5x^2 = \underline{\hspace{2cm}}$$

$$1\frac{3}{4}x^5y^3 : 1\frac{1}{7}x^2y = \underline{\hspace{2cm}}$$

3. Potenciraj!

$$a) (ab)^2 = \underline{\hspace{2cm}} \quad (-abc)^3 = \underline{\hspace{2cm}}$$

$$b) (xy)^3 = \underline{\hspace{2cm}} \quad -(abc)^2 = \underline{\hspace{2cm}}$$

$$c) \left(\frac{a}{b}\right)^2 = \underline{\hspace{2cm}} \quad (-abc)^2 = \underline{\hspace{2cm}}$$

$$č) \left(\frac{x}{y}\right)^3 = \underline{\hspace{2cm}} \quad (-2xy)^4 = \underline{\hspace{2cm}}$$

$$d) \left(\frac{a}{3x}\right)^2 = \underline{\hspace{2cm}} \quad (-3mn)^3 = \underline{\hspace{2cm}}$$

$$e) \left(\frac{b}{2x}\right)^3 = \underline{\hspace{2cm}} \quad \left(-\frac{2xy}{3z}\right)^3 = \underline{\hspace{2cm}}$$

*4. Potenciraj!

$$a) (a^2b^3)^2 = \underline{\hspace{2cm}} \quad \left(\frac{1}{2}ab^2\right)^3 = \underline{\hspace{2cm}}$$

$$b) \left(\frac{1}{3}x^2y^3\right)^4 = \underline{\hspace{2cm}} \quad \left(\frac{a^2b^3}{4c^2}\right)^3 = \underline{\hspace{2cm}}$$

$$c) \left(-\frac{a^5b}{c}\right)^2 = \underline{\hspace{2cm}} \quad \left(-\frac{m^2n^3}{o}\right)^3 = \underline{\hspace{2cm}}$$

*5. Poenostavi!

$$a) \frac{t^3 \cdot t^4}{t^5} = \underline{\hspace{2cm}}$$

$$b) \frac{t^{10}}{t \cdot t^{12}} = \underline{\hspace{2cm}}$$

$$c) \frac{x^3 \cdot y^5}{x^2 \cdot y^6} = \underline{\hspace{2cm}}$$

$$č) \frac{10x^3 \cdot y^2 \cdot z}{15x^2 \cdot y \cdot z^5} = \underline{\hspace{2cm}}$$

$$d) \frac{21a^2 \cdot b^5 \cdot c}{14a^3 \cdot b^8 \cdot c^5} = \underline{\hspace{2cm}}$$

$$e) \frac{(2a^2 \cdot b^3)^2}{10ab^5} = \underline{\hspace{2cm}}$$