

MNOŽENJE IN DELJENJE POTENC

1. Izpolni preglednico !

potenca	a^3	$-2x^5$	$\frac{2a^5}{3}$	$(ab)^3$	$(2xy^2)^3$
osnova					
eksponent					

2. Zmnoži !

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

$$x^{12} \cdot x^3 \cdot x = \underline{\hspace{2cm}} \quad \left(-\frac{2}{3}c\right)^2 \cdot \left(-\frac{2}{3}c\right)^4 = \underline{\hspace{2cm}}$$

$$m^2 \cdot m^3 \cdot m = \underline{\hspace{2cm}} \quad \left(\frac{x}{y}\right) \cdot \left(\frac{x}{y}\right)^2 \cdot \left(\frac{x}{y}\right)^8 = \underline{\hspace{2cm}}$$

$$7a^2 \cdot 3a^4 = \underline{\hspace{2cm}} \quad \frac{7}{3}x \cdot 1\frac{2}{7}x = \underline{\hspace{2cm}}$$

$$\left(-1\frac{1}{2}\right)m^5 \cdot \left(-3\frac{1}{3}\right)m^2 = \underline{\hspace{2cm}}$$

$$\cdot m^7 \cdot m^{-5} \cdot m^2 = \underline{\hspace{2cm}}$$

$$\cdot u^2 \cdot u^{-3} \cdot u = \underline{\hspace{2cm}}$$

3. Deli!

$$n^7 : n^5 = \underline{\hspace{2cm}} \quad m^{12} : m^{10} = \underline{\hspace{2cm}} \quad a^9 : a = \underline{\hspace{2cm}}$$

$$\frac{x^4}{x^3} = \underline{\hspace{2cm}} \quad \frac{t^3 \cdot t^4}{t^2} = \underline{\hspace{2cm}} \quad \frac{n^5 \cdot n}{n^3} = \underline{\hspace{2cm}}$$

$$\frac{m^{15}}{m^9} = \underline{\hspace{2cm}} \quad \frac{s \cdot s^6}{s^3} = \underline{\hspace{2cm}} \quad \frac{y^{10}}{y^5 \cdot y} = \underline{\hspace{2cm}}$$

$$\cdot \frac{15a^{-5}}{3a^7} = \underline{\hspace{2cm}} \quad \cdot \frac{25a^{-3}}{10a^{-4}} = \underline{\hspace{2cm}}$$

$$\cdot \frac{0.2a^3}{0.1a^{-2}} = \underline{\hspace{2cm}} \quad \cdot \frac{m^{-2} \cdot m^5}{m^{-3}} = \underline{\hspace{2cm}}$$

4. Poenostavi !

$$\frac{3x^3 \cdot x^2}{9x^5} = \underline{\hspace{2cm}}$$

$$\frac{4y^2x}{16x^2y} = \underline{\hspace{2cm}}$$

$$0,5 a^7b^3 : 0,25 a^3 = \underline{\hspace{2cm}}$$