

Ime in priimek: _____

Preverjanje znanja, 1.e razred

1. Razstavi:

$$81x^4 - 1 = \underline{\hspace{10cm}}$$

$$8a^3 - b^6 c^9 = \underline{\hspace{10cm}}$$

$$3^{2x} - 6 \cdot 3^x - 27 = \underline{\hspace{10cm}}$$

$$2a^3 + a^2 - 8a - 4 = \underline{\hspace{10cm}}$$

$$9 - x^2 - 4xy - 4y^2 = \underline{\hspace{10cm}}$$

$$2u^{n+2} + 6u^{n+1} - 20u^n = \underline{\hspace{10cm}}$$

2. Potenciraj:

$$(x^7 - 2y)^3 = \underline{\hspace{10cm}}$$

$$(-3ab^2)^3 \left(-a^4 b^2 (a^3)^5 \right)^2 (ab^3)^2 = \underline{\hspace{10cm}}$$

3. Izraz poenostavi in rezultat razstavi:

$$8x^3 + 2 - 7x^2 - (2x + 3)(2x - 3) - x - (2x - 1)^3 =$$

4. Za katere številke a bo število 34a81a deljivo s 3?
