

① Skrci iasak in rezultat razstani:

$$(a-1)^2 + (a+2)^3 - (a-2)(a+3) + (a+4)(a-4) - (3a-1) =$$

② Razstani: a) $x^2 + 2xy - 63y^2 =$ b) $2x^4 - 162 =$

c) $2a^3 + 4a^2 - 50a - 100 =$

③ Potencinaj po pravilu $(3a^2bc - 5ab^3)^2 =$

④ $U = \{m; m \in \mathbb{N} \wedge m \leq 14\}$ $A = \{m; 3^m < 100\}$

$B = \{x; x = (-1)^m \cdot 2m \wedge m = 1, 2, 3\}$ Izracunaj

$B \times A$ in $(A \cap B) \cap (B \setminus A) =$

(B)

① Skrci iasak in rezultat razstani:

$$(2a-3)^2 - (2a+5)(4a-3) - (3a-2)(3a+2) - (13a+54) =$$

② Razstani: a) $3x^3 + 6x^2 - 27x - 54 =$ b) $135x^4 - 5x =$

c) $2m^2 - 10m + 12 =$

③ Potencinaj po pravilu: $(-3xy + (-1)^3 x^2 y)^3$

④ $U = \{a, i, m, p, s, t, u\}$ $A = \{a, m\}$ $B = \{p, t, u\}$

$C' = \{m, p, s\}$. Izracunaj: $B \times A, P(A)$

in $(B \setminus C) \setminus (A \setminus B) =$