1D 191000

Ⓐ

1) Potenciraj po pravilu $(-3x^2y - 2xy^3)^3 =$

2) Skrči izraz in rezultat razstavi

$a(a-4)^2 - (a-3)^3 - a(43-26a) =$

3) Razstavi: a) $x^4 - 16$ b) $16m^4 + 54m$

c) $4x^5 - 32x^2 + 8x^3 - 16x^4$

4) $\mathcal{U} = \{n;\ n \in \mathbb{N} \wedge n \leq 14\}$, $A = \{n;\ 2^n < 100\}$

$B = \{x;\ x = (-1)^8 \cdot n \wedge n = 1,2,3\}$ Izračunaj:

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

Ⓑ

1) Izračunaj po pravilu $(2a^2 - 3b + 4c)^2 =$

2) Skrči izraz in rezultat razstavi

$(a+3)(a-4) - (a-1)(a+1) + (a-2)^3 - (a-3)^2 - 7(a-4) =$

3) Razstavi: $a^5 - 25a^3 + 8a^2 - 200 =$

$4x^2 - 40x + 100 =$

$25z^2 - 49 =$

4) $\mathcal{U} = \{n;\ n \in \mathbb{N} \wedge n \leq 14\}$ $A = \{x;\ x = 3n+1 \wedge n = 0,1,2\}$

$B = \{n;\ 4 \mid n\}$, $C = \{3,4,6,9\}$

Izračunaj $(B \setminus C) \setminus A =$ in $\mathcal{P}C$