

## Rješenja za zadatak 2: DNF/KNF

ID: 2016-001

Tablica istinitosti: 00110101

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} \cdot B + A \cdot C, \overline{A} \cdot B + C \cdot A, (\overline{A} + C) \cdot (A + B), (\overline{A} + C) \cdot (B + A), (A + B) \cdot (\overline{A} + C), (A + B) \cdot (C + \overline{A}), A \cdot C + \overline{A} \cdot B, A \cdot C + B \cdot \overline{A}, (B + A) \cdot (\overline{A} + C), (B + A) \cdot (C + \overline{A}), B \cdot \overline{A} + A \cdot C, B \cdot \overline{A} + C \cdot A, C \cdot A + \overline{A} \cdot B, C \cdot A + B \cdot \overline{A}, (C + \overline{A}) \cdot (A + B), (C + \overline{A}) \cdot (B + A)$

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ID: 2016-002

Tablica istinitosti: 00001101

DNF:  $A \overline{B} \overline{C} + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot (\overline{B} + C), A \cdot (C + \overline{B}), (\overline{B} + C) \cdot A, (C + \overline{B}) \cdot A$

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ID: 2016-003

Tablica istinitosti: 11011100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}, (\overline{A} + \overline{C}) \cdot \overline{B}, \overline{B} + \overline{A} \cdot C, \overline{B} + C \cdot \overline{A}, \overline{B} \cdot (\overline{A} + \overline{C}), \overline{B} \cdot (\overline{C} + A), (\overline{C} + A) \cdot \overline{B}, C \cdot \overline{A} + \overline{B}$

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ID: 2016-004

Tablica istinitosti: 11010000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (\overline{B} + C), \overline{A} \cdot (C + \overline{B}), \overline{A} + B \cdot \overline{C}, \overline{A} + \overline{C} \cdot \overline{B}, (\overline{B} + C) \cdot \overline{A}, \overline{B} \cdot \overline{C} + A, \overline{C} \cdot \overline{B} + A, (C + \overline{B}) \cdot \overline{A}$

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ID: 2016-005

Tablica istinitosti: 00011111

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C, A + C \cdot B, B \cdot C + A, C \cdot B + A$

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ID: 2016-006

Tablica istinitosti: 01000101

DNF:  $\overline{A} \overline{B} C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + \overline{B}) \cdot C, (\overline{B} + A) \cdot C, C \cdot (A + \overline{B}), C \cdot (\overline{B} + A)$

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ID: 2016-007

Tablica istinitosti: 11110010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B \overline{C}$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}, \overline{A} + \overline{C} \cdot B, \overline{A} \cdot (\overline{B} + C), \overline{A} \cdot (C + \overline{B}), (\overline{B} + C) \cdot \overline{A}, B \cdot \overline{C} + \overline{A}, \overline{C} \cdot B + \overline{A}, (C + \overline{B}) \cdot \overline{A}$

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ID: 2016-008

Tablica istinitosti: 11001000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + A \overline{B} \overline{C}$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}, \overline{B} + A \cdot \overline{C}, \overline{B} + C \cdot \overline{A}, \overline{C} \cdot A + \overline{B}$

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ID: 2016-009

Tablica istinitosti: 01001111

DNF:  $\overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + \overline{B} \cdot C, A + C \cdot \overline{B}, \overline{B} \cdot C + A, C \cdot \overline{B} + A$

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ID: 2016-010

Tablica istinitosti: 00001101

DNF:  $A \overline{B} \overline{C} + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot (\overline{B} + C), A \cdot (C + \overline{B}), (\overline{B} + C) \cdot A, (C + \overline{B}) \cdot A$

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ID: 2016-011

Tablica istinitosti: 11110010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B \overline{C}$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}$ ,  $\overline{A} + \overline{C} \cdot B$ ,  $\overline{A \cdot (\overline{B} + C)}$ ,  $\overline{A \cdot (C + \overline{B})}$ ,  $\overline{(\overline{B} + C) \cdot A}$ ,  $B \cdot \overline{C} + \overline{A}$ ,  $\overline{C \cdot B + \overline{A}}$ ,  $\overline{(C + \overline{B}) \cdot A}$

ID: 2016-012

Tablica istinitosti: 00110010

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A B \overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A \cdot \overline{C} \cdot B}$ ,  $B \cdot \overline{A \cdot \overline{C}}$ ,  $B \cdot \overline{C \cdot A}$ ,  $\overline{C \cdot A \cdot B}$

ID: 2016-013

Tablica istinitosti: 11110100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + \overline{B} \cdot C$ ,  $\overline{A} + C \cdot \overline{B}$ ,  $\overline{A \cdot (B + \overline{C})}$ ,  $\overline{A \cdot (\overline{C} + B)}$ ,  $\overline{B \cdot C + \overline{A}}$ ,  $\overline{(B + \overline{C}) \cdot A}$ ,  $\overline{(\overline{C} + B) \cdot A}$ ,  $C \cdot \overline{B} + \overline{A}$

ID: 2016-014

Tablica istinitosti: 00110101

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A \cdot B + A \cdot C}$ ,  $\overline{A \cdot B + C \cdot A}$ ,  $\overline{(\overline{A} + C) \cdot (A + B)}$ ,  $\overline{(\overline{A} + C) \cdot (B + A)}$ ,  $(A + B) \cdot (\overline{A} + C)$ ,  $(A + B) \cdot (C + \overline{A})$ ,  $A \cdot C + \overline{A \cdot B}$ ,  $A \cdot C + B \cdot \overline{A}$ ,  $(B + A) \cdot (\overline{A} + C)$ ,  $(B + A) \cdot (C + \overline{A})$ ,  $B \cdot \overline{A} + A \cdot C$ ,  $B \cdot \overline{A} + C \cdot A$ ,  $C \cdot A + \overline{A \cdot B}$ ,  $C \cdot A + B \cdot \overline{A}$ ,  $(C + \overline{A}) \cdot (A + B)$ ,  $(C + \overline{A}) \cdot (B + A)$

ID: 2016-015

Tablica istinitosti: 01110000

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A \cdot (B + C)}$ ,  $\overline{A \cdot (C + B)}$ ,  $(B + C) \cdot \overline{A}$ ,  $(C + B) \cdot \overline{A}$

ID: 2016-016

Tablica istinitosti: 11100000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C}$

KNF:  $(A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A + B \cdot C}$ ,  $\overline{A + C \cdot B}$ ,  $\overline{B \cdot C + A}$ ,  $\overline{C \cdot B + A}$

ID: 2016-017

Tablica istinitosti: 01010011

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $\overline{(\overline{A} + B) \cdot (A + C)}$ ,  $\overline{(\overline{A} + B) \cdot (C + A)}$ ,  $\overline{A \cdot C + A \cdot B}$ ,  $\overline{A \cdot C + B \cdot A}$ ,  $A \cdot B + \overline{A \cdot C}$ ,  $A \cdot B + C \cdot \overline{A}$ ,  $(A + C) \cdot (\overline{A} + B)$ ,  $(A + C) \cdot (B + \overline{A})$ ,  $B \cdot A + \overline{A \cdot C}$ ,  $B \cdot A + C \cdot \overline{A}$ ,  $(B + \overline{A}) \cdot (A + C)$ ,  $(B + \overline{A}) \cdot (C + A)$ ,  $(C + A) \cdot (\overline{A} + B)$ ,  $(C + A) \cdot (B + \overline{A})$ ,  $C \cdot \overline{A} + A \cdot B$ ,  $C \cdot \overline{A} + B \cdot A$

ID: 2016-018

Tablica istinitosti: 11110010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B \overline{C}$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}$ ,  $\overline{A} + \overline{C} \cdot B$ ,  $\overline{A \cdot (\overline{B} + C)}$ ,  $\overline{A \cdot (C + \overline{B})}$ ,  $\overline{(\overline{B} + C) \cdot A}$ ,  $B \cdot \overline{C} + \overline{A}$ ,  $\overline{C \cdot B + \overline{A}}$ ,  $\overline{(C + \overline{B}) \cdot A}$

ID: 2016-019

Tablica istinitosti: 10110000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A \cdot (B + \overline{C})}$ ,  $\overline{A \cdot (\overline{C} + B)}$ ,  $\overline{A + \overline{B} \cdot C}$ ,  $\overline{A + C \cdot \overline{B}}$ ,  $\overline{B \cdot C + A}$ ,  $(B + \overline{C}) \cdot \overline{A}$ ,  $(\overline{C} + B) \cdot \overline{A}$ ,  $\overline{C \cdot \overline{B} + A}$

ID: 2016-020

Tablica istinitosti: 00011011

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot (B + \overline{C})$ ,  $(A + C) \cdot (\overline{C} + B)$ ,  $A \cdot \overline{C} + B \cdot C$ ,  $A \cdot \overline{C} + C \cdot B$ ,  $B \cdot C + A \cdot \overline{C}$ ,  $B \cdot C + \overline{C \cdot A}$ ,  $(B + \overline{C}) \cdot (A + C)$ ,  $(B + \overline{C}) \cdot (C + A)$ ,  $\overline{C \cdot A + B \cdot C}$ ,  $\overline{C \cdot A + C \cdot B}$ ,  $(\overline{C} + B) \cdot (A + C)$ ,  $(\overline{C} + B) \cdot (C + A)$ ,  $(C + A) \cdot (B + \overline{C})$ ,  $(C + A) \cdot (\overline{C} + B)$ ,  $C \cdot B + A \cdot \overline{C}$ ,  $C \cdot B + \overline{C \cdot A}$

ID: 2016-021

Tablica istinitosti: 00000111

DNF:  $A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot (B + C)$ ,  $A \cdot (C + B)$ ,  $(B + C) \cdot A$ ,  $(C + B) \cdot A$

ID: 2016-022

Tablica istinitosti: 11011100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}, (\overline{A} + \overline{C}) \cdot \overline{B}, \overline{B} + \overline{A} \cdot C, \overline{B} + C \cdot \overline{A}, \overline{B \cdot (A + \overline{C})}, \overline{B \cdot (\overline{C} + A)}, \overline{(\overline{C} + A) \cdot B}, C \cdot \overline{A} + \overline{B}$

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ID: 2016-023

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B, B + A \cdot C, B + C \cdot A, C \cdot A + B$

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ID: 2016-024

Tablica istinitosti: 11000100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + A \overline{B} C$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + C) \cdot \overline{B}, \overline{A \cdot \overline{C} + B}, \overline{B \cdot (\overline{A} + C)}, \overline{B \cdot (C + \overline{A})}, \overline{B + A \cdot \overline{C}}, \overline{B + \overline{C} \cdot A}, \overline{\overline{C} \cdot A + B}, (C + \overline{A}) \cdot \overline{B}$

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ID: 2016-025

Tablica istinitosti: 01010111

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot B + C, B \cdot A + C, C + A \cdot B, C + B \cdot A$

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ID: 2016-026

Tablica istinitosti: 10100010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot \overline{C}, \overline{A \cdot \overline{B} + C}, \overline{\overline{B} \cdot A + C}, (B + \overline{A}) \cdot \overline{C}, \overline{\overline{C} \cdot (\overline{A} + B)}, \overline{\overline{C} \cdot (B + \overline{A})}, \overline{C + A \cdot \overline{B}}, \overline{C + \overline{B} \cdot A}$

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ID: 2016-027

Tablica istinitosti: 01110101

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} \cdot B + C, B \cdot \overline{A} + C, C + \overline{A} \cdot B, C + B \cdot \overline{A}$

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ID: 2016-028

Tablica istinitosti: 01001111

DNF:  $\overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + \overline{B} \cdot C, A + C \cdot \overline{B}, \overline{B} \cdot C + A, C \cdot \overline{B} + A$

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ID: 2016-029

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B, B + A \cdot C, B + C \cdot A, C \cdot A + B$

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ID: 2016-030

Tablica istinitosti: 00101010

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + B) \cdot \overline{C}, (B + A) \cdot \overline{C}, \overline{C} \cdot (A + B), \overline{C} \cdot (B + A)$

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ID: 2016-031

Tablica istinitosti: 01110000

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + C), \overline{A} \cdot (C + B), (B + C) \cdot \overline{A}, (C + B) \cdot \overline{A}$

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ID: 2016-032

Tablica istinitosti: 00011111

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C, A + C \cdot B, B \cdot C + A, C \cdot B + A$

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ID: 2016-033

Tablica istinitosti: 11110100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + \overline{B} \cdot C$ ,  $\overline{A} + C \cdot \overline{B}$ ,  $\overline{A \cdot (B + \overline{C})}$ ,  $\overline{A \cdot (\overline{C} + B)}$ ,  $\overline{B \cdot C + \overline{A}}$ ,  $\overline{(B + \overline{C}) \cdot A}$ ,  $\overline{(\overline{C} + B) \cdot A}$ ,  $C \cdot \overline{B} + \overline{A}$

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ID: 2016-034

Tablica istinitosti: 00101111

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + B \cdot \overline{C}$ ,  $A + \overline{C} \cdot B$ ,  $B \cdot \overline{C} + A$ ,  $\overline{C} \cdot B + A$

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ID: 2016-035

Tablica istinitosti: 11100000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C}$

KNF:  $(A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}$ ,  $\overline{A} + C \cdot \overline{B}$ ,  $\overline{B \cdot C + A}$ ,  $\overline{C \cdot B + A}$

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ID: 2016-036

Tablica istinitosti: 11110001

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} + B \cdot C$ ,  $\overline{A} + C \cdot B$ ,  $B \cdot C + \overline{A}$ ,  $C \cdot B + \overline{A}$

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ID: 2016-037

Tablica istinitosti: 00100111

DNF:  $\overline{A} B \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B \cdot \overline{C}$ ,  $A \cdot C + \overline{C} \cdot B$ ,  $(A + \overline{C}) \cdot (B + C)$ ,  $(A + \overline{C}) \cdot (C + B)$ ,  $(B + C) \cdot (A + \overline{C})$ ,  $(B + C) \cdot (\overline{C} + A)$ ,  $B \cdot \overline{C} + A \cdot C$ ,  $B \cdot \overline{C} + C \cdot A$ ,  $(\overline{C} + A) \cdot (B + C)$ ,  $(\overline{C} + A) \cdot (C + B)$ ,  $\overline{C \cdot B + A \cdot C}$ ,  $\overline{C \cdot B + C \cdot A}$ ,  $\overline{C \cdot A + B \cdot \overline{C}}$ ,  $\overline{C \cdot A + \overline{C} \cdot B}$ ,  $(C + B) \cdot (A + \overline{C})$ ,  $(C + B) \cdot (\overline{C} + A)$

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ID: 2016-038

Tablica istinitosti: 01110000

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + C)$ ,  $\overline{A} \cdot (C + B)$ ,  $(B + C) \cdot \overline{A}$ ,  $(C + B) \cdot \overline{A}$

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ID: 2016-039

Tablica istinitosti: 01000111

DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot B + \overline{B} \cdot C$ ,  $A \cdot B + C \cdot \overline{B}$ ,  $(A + \overline{B}) \cdot (B + C)$ ,  $(A + \overline{B}) \cdot (C + B)$ ,  $(\overline{B} + A) \cdot (B + C)$ ,  $(\overline{B} + A) \cdot (C + B)$ ,  $\overline{B \cdot C + A \cdot B}$ ,  $\overline{B \cdot C + B \cdot A}$ ,  $B \cdot A + \overline{B} \cdot C$ ,  $B \cdot A + C \cdot \overline{B}$ ,  $(B + C) \cdot (A + \overline{B})$ ,  $(B + C) \cdot (\overline{B} + A)$ ,  $(C + B) \cdot (A + \overline{B})$ ,  $(C + B) \cdot (\overline{B} + A)$ ,  $C \cdot \overline{B} + A \cdot B$ ,  $C \cdot \overline{B} + B \cdot A$

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ID: 2016-040

Tablica istinitosti: 01110000

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + C)$ ,  $\overline{A} \cdot (C + B)$ ,  $(B + C) \cdot \overline{A}$ ,  $(C + B) \cdot \overline{A}$

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ID: 2016-041

Tablica istinitosti: 11011100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}$ ,  $(A + \overline{C}) \cdot \overline{B}$ ,  $\overline{B} + \overline{A} \cdot C$ ,  $\overline{B} + C \cdot \overline{A}$ ,  $\overline{B \cdot (A + \overline{C})}$ ,  $\overline{B \cdot (\overline{C} + A)}$ ,  $\overline{(\overline{C} + A) \cdot B}$ ,  $C \cdot \overline{A} + \overline{B}$

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ID: 2016-042

Tablica istinitosti: 00000111

DNF:  $A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot (B + C)$ ,  $A \cdot (C + B)$ ,  $(B + C) \cdot A$ ,  $(C + B) \cdot A$

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ID: 2016-043

Tablica istinitosti: 11110100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + \overline{B} \cdot C$ ,  $\overline{A} + C \cdot \overline{B}$ ,  $\overline{A \cdot (B + \overline{C})}$ ,  $\overline{A \cdot (\overline{C} + B)}$ ,  $\overline{B \cdot C + \overline{A}}$ ,  $\overline{(B + \overline{C}) \cdot A}$ ,  $\overline{(\overline{C} + B) \cdot A}$ ,  $C \cdot \overline{B} + \overline{A}$

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ID: 2016-044

Tablica istinitosti: 01001111

DNF:  $\overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + \overline{B} \cdot C, A + C \cdot \overline{B}, \overline{B} \cdot C + A, C \cdot \overline{B} + A$

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ID: 2016-045

Tablica istinitosti: 00100011

DNF:  $\overline{A} B \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + \overline{C}) \cdot B, B \cdot (A + \overline{C}), B \cdot (\overline{C} + A), (\overline{C} + A) \cdot B$

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ID: 2016-046

Tablica istinitosti: 00011111

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C, A + C \cdot B, B \cdot C + A, C \cdot B + A$

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ID: 2016-047

Tablica istinitosti: 00011111

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C, A + C \cdot B, B \cdot C + A, C \cdot B + A$

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ID: 2016-048

Tablica istinitosti: 01110101

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} \cdot B + C, B \cdot \overline{A} + C, C + \overline{A} \cdot B, C + B \cdot \overline{A}$

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ID: 2016-049

Tablica istinitosti: 01001100

DNF:  $\overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot \overline{B}, \overline{B} \cdot (A + C), \overline{B} \cdot (C + A), (C + A) \cdot \overline{B}$

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ID: 2016-050

Tablica istinitosti: 10110000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + \overline{C}), \overline{A} \cdot (\overline{C} + B), \overline{A} + \overline{B} \cdot C, \overline{A} + C \cdot \overline{B}, \overline{B} \cdot C + A, (B + \overline{C}) \cdot \overline{A}, (\overline{C} + B) \cdot \overline{A}, \overline{C} \cdot \overline{B} + A$

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ID: 2016-051

Tablica istinitosti: 10110011

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C + A B \overline{C} + A B C$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $\overline{A} + \overline{C} + B, B + \overline{A} + \overline{C}, B + \overline{C} + A, \overline{C} + A + B$

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ID: 2016-052

Tablica istinitosti: 11001101

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B C$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + \overline{B}, \overline{B} + A \cdot C, \overline{B} + C \cdot A, C \cdot A + \overline{B}$

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ID: 2016-053

Tablica istinitosti: 01001111

DNF:  $\overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + \overline{B} \cdot C, A + C \cdot \overline{B}, \overline{B} \cdot C + A, C \cdot \overline{B} + A$

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ID: 2016-054

Tablica istinitosti: 11110010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C + \overline{A} B C + A B \overline{C}$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}, \overline{A} + \overline{C} \cdot B, \overline{A} \cdot (\overline{B} + C), \overline{A} \cdot (C + \overline{B}), (\overline{B} + C) \cdot \overline{A}, B \cdot \overline{C} + \overline{A}, \overline{C} \cdot B + \overline{A}, (C + \overline{B}) \cdot \overline{A}$

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ID: 2016-055

Tablica istinitosti: 10101110

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot C, A \cdot \overline{B} + \overline{C}, \overline{B} \cdot A + \overline{C}, (B + \overline{A}) \cdot C, \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A, \overline{C} \cdot (\overline{A} + B), \overline{C} \cdot (B + \overline{A})$

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ID: 2016-056

Tablica istinitosti: 10101110

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{(A + B)} \cdot \overline{C}$ ,  $A \cdot \overline{B} + \overline{C}$ ,  $\overline{B} \cdot A + \overline{C}$ ,  $\overline{(B + \overline{A})} \cdot \overline{C}$ ,  $\overline{C} + A \cdot \overline{B}$ ,  $\overline{C} + \overline{B} \cdot A$ ,  $\overline{C \cdot (\overline{A} + B)}$ ,  $\overline{C \cdot (B + \overline{A})}$

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ID: 2016-057

Tablica istinitosti: 00001101

DNF:  $A\overline{B}\overline{C} + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot (\overline{B} + C)$ ,  $A \cdot (C + \overline{B})$ ,  $(\overline{B} + C) \cdot A$ ,  $(C + \overline{B}) \cdot A$

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ID: 2016-058

Tablica istinitosti: 01000101

DNF:  $\overline{A}\overline{B}C + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + \overline{B}) \cdot C$ ,  $(\overline{B} + A) \cdot C$ ,  $C \cdot (A + \overline{B})$ ,  $C \cdot (\overline{B} + A)$

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ID: 2016-059

Tablica istinitosti: 00011111

DNF:  $\overline{A}BC + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C$ ,  $A + C \cdot B$ ,  $B \cdot C + A$ ,  $C \cdot B + A$

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ID: 2016-060

Tablica istinitosti: 10101110

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{(A + B)} \cdot \overline{C}$ ,  $A \cdot \overline{B} + \overline{C}$ ,  $\overline{B} \cdot A + \overline{C}$ ,  $\overline{(B + \overline{A})} \cdot \overline{C}$ ,  $\overline{C} + A \cdot \overline{B}$ ,  $\overline{C} + \overline{B} \cdot A$ ,  $\overline{C \cdot (\overline{A} + B)}$ ,  $\overline{C \cdot (B + \overline{A})}$

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ID: 2016-061

Tablica istinitosti: 11011100

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}BC + A\overline{B}\overline{C} + A\overline{B}C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}$ ,  $\overline{(A + \overline{C})} \cdot \overline{B}$ ,  $\overline{B} + \overline{A} \cdot C$ ,  $\overline{B} + C \cdot \overline{A}$ ,  $\overline{B \cdot (A + \overline{C})}$ ,  $\overline{B \cdot (\overline{C} + A)}$ ,  $\overline{(\overline{C} + A) \cdot B}$ ,  $C \cdot \overline{A} + \overline{B}$

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ID: 2016-062

Tablica istinitosti: 01000101

DNF:  $\overline{A}\overline{B}C + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + \overline{B}) \cdot C$ ,  $(\overline{B} + A) \cdot C$ ,  $C \cdot (A + \overline{B})$ ,  $C \cdot (\overline{B} + A)$

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ID: 2016-063

Tablica istinitosti: 01110000

DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + C)$ ,  $\overline{A} \cdot (C + B)$ ,  $(B + C) \cdot \overline{A}$ ,  $(C + B) \cdot \overline{A}$

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ID: 2016-064

Tablica istinitosti: 01001100

DNF:  $\overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot \overline{B}$ ,  $\overline{B} \cdot (A + C)$ ,  $\overline{B} \cdot (C + A)$ ,  $(C + A) \cdot \overline{B}$

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ID: 2016-065

Tablica istinitosti: 10001100

DNF:  $\overline{A}\overline{B}\overline{C} + A\overline{B}\overline{C} + A\overline{B}C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}$ ,  $\overline{(A + \overline{C})} \cdot \overline{B}$ ,  $\overline{B} \cdot (A + \overline{C})$ ,  $\overline{B} \cdot (\overline{C} + A)$ ,  $\overline{B + \overline{A} \cdot C}$ ,  $\overline{B + C \cdot \overline{A}}$ ,  $\overline{(\overline{C} + A) \cdot \overline{B}}$ ,  $\overline{C \cdot \overline{A} + B}$

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ID: 2016-066

Tablica istinitosti: 00100011

DNF:  $\overline{A}B\overline{C} + A\overline{B}\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + \overline{C}) \cdot B$ ,  $B \cdot (A + \overline{C})$ ,  $B \cdot (\overline{C} + A)$ ,  $(\overline{C} + A) \cdot B$

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ID: 2016-067

Tablica istinitosti: 11001110

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{(A + C)} \cdot B, A \cdot \overline{C} + \overline{B}, \overline{B} + A \cdot \overline{C}, \overline{B} + \overline{C} \cdot A, \overline{B \cdot (A + C)}, \overline{B \cdot (C + A)}, \overline{C \cdot A + B}, \overline{(C + A) \cdot B}$

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ID: 2016-068

Tablica istinitosti: 10110000

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + \overline{A}BC$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + \overline{C}), \overline{A} \cdot (\overline{C} + B), A + \overline{B} \cdot C, A + C \cdot \overline{B}, \overline{B} \cdot C + A, (B + \overline{C}) \cdot \overline{A}, (\overline{C} + B) \cdot \overline{A}, \overline{C \cdot B + A}$

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ID: 2016-069

Tablica istinitosti: 00010101

DNF:  $\overline{A}BC + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + B) \cdot C, (B + A) \cdot C, C \cdot (A + B), C \cdot (B + A)$

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ID: 2016-070

Tablica istinitosti: 01011101

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}BC + A\overline{B}\overline{C} + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot \overline{B} + C, \overline{B} \cdot A + C, C + A \cdot \overline{B}, C + \overline{B} \cdot A$

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ID: 2016-071

Tablica istinitosti: 00100111

DNF:  $\overline{A}B\overline{C} + A\overline{B}C + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B \cdot \overline{C}, A \cdot C + \overline{C} \cdot B, (A + \overline{C}) \cdot (B + C), (A + \overline{C}) \cdot (C + B), (B + C) \cdot (A + \overline{C}), (B + C) \cdot (\overline{C} + A), B \cdot \overline{C} + A \cdot C, B \cdot \overline{C} + C \cdot A, (\overline{C} + A) \cdot (B + C), (\overline{C} + A) \cdot (C + B), \overline{C} \cdot B + A \cdot C, \overline{C} \cdot B + C \cdot A, C \cdot A + B \cdot \overline{C}, C \cdot A + \overline{C} \cdot B, (C + B) \cdot (A + \overline{C}), (C + B) \cdot (\overline{C} + A)$

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ID: 2016-072

Tablica istinitosti: 11001110

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{(A + C)} \cdot B, A \cdot \overline{C} + \overline{B}, \overline{B} + A \cdot \overline{C}, \overline{B} + \overline{C} \cdot A, \overline{B \cdot (A + C)}, \overline{B \cdot (C + A)}, \overline{C \cdot A + B}, \overline{(C + A) \cdot B}$

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ID: 2016-073

Tablica istinitosti: 01000101

DNF:  $\overline{A}\overline{B}C + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + \overline{B}) \cdot C, (\overline{B} + A) \cdot C, C \cdot (A + \overline{B}), C \cdot (\overline{B} + A)$

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ID: 2016-074

Tablica istinitosti: 00101111

DNF:  $\overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + B \cdot \overline{C}, A + \overline{C} \cdot B, B \cdot \overline{C} + A, \overline{C} \cdot B + A$

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ID: 2016-075

Tablica istinitosti: 00011111

DNF:  $\overline{A}BC + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C, A + C \cdot B, B \cdot C + A, C \cdot B + A$

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ID: 2016-076

Tablica istinitosti: 01010111

DNF:  $\overline{A}\overline{B}C + \overline{A}BC + A\overline{B}C + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot B + C, B \cdot A + C, C + A \cdot B, C + B \cdot A$

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ID: 2016-077

Tablica istinitosti: 00010011

DNF:  $\overline{A}BC + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot B, B \cdot (A + C), B \cdot (C + A), (C + A) \cdot B$

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ID: 2016-078

Tablica istinitosti: 11111000

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + A\overline{B}\overline{C}$

KNF:  $(\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $A \cdot (B + C), \overline{A} \cdot (C + B), (B + C) \cdot A, \overline{(C + B)} \cdot A$

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ID: 2016-079

Tablica istinitosti: 00000111

DNF:  $A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot (B + C), \overline{A} \cdot (C + B), (B + C) \cdot A, (C + B) \cdot A$

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ID: 2016-080

Tablica istinitosti: 10110000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + \overline{C}), \overline{A} \cdot (\overline{C} + B), \overline{A + \overline{B} \cdot C}, \overline{A + C \cdot \overline{B}}, \overline{B \cdot C + A}, (B + \overline{C}) \cdot \overline{A}, (\overline{C} + B) \cdot \overline{A}, \overline{C \cdot \overline{B} + A}$

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ID: 2016-081

Tablica istinitosti: 10100010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot \overline{C}, \overline{A \cdot \overline{B} + C}, \overline{B \cdot A + C}, (B + \overline{A}) \cdot \overline{C}, \overline{C \cdot (\overline{A} + B)}, \overline{C \cdot (B + \overline{A})}, \overline{C + A \cdot \overline{B}}, \overline{C + \overline{B} \cdot A}$

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ID: 2016-082

Tablica istinitosti: 00011111

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C, A + C \cdot B, B \cdot C + A, C \cdot B + A$

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ID: 2016-083

Tablica istinitosti: 01010111

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot B + C, B \cdot A + C, C + A \cdot B, C + B \cdot A$

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ID: 2016-084

Tablica istinitosti: 01001100

DNF:  $\overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot \overline{B}, \overline{B} \cdot (A + C), \overline{B} \cdot (C + A), (C + A) \cdot \overline{B}$

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ID: 2016-085

Tablica istinitosti: 11001101

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C + A B C$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot C + \overline{B}, \overline{B} + A \cdot C, \overline{B} + C \cdot A, C \cdot A + \overline{B}$

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ID: 2016-086

Tablica istinitosti: 00010101

DNF:  $\overline{A} B C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + B) \cdot C, (B + A) \cdot C, C \cdot (A + B), C \cdot (B + A)$

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ID: 2016-087

Tablica istinitosti: 01000101

DNF:  $\overline{A} \overline{B} C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + \overline{B}) \cdot C, (\overline{B} + A) \cdot C, C \cdot (A + \overline{B}), C \cdot (\overline{B} + A)$

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ID: 2016-088

Tablica istinitosti: 11101010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + B) \cdot \overline{C}, (\overline{B} + A) \cdot \overline{C}, \overline{C \cdot (A + B)}, \overline{C \cdot (B + A)}$

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ID: 2016-089

Tablica istinitosti: 10001100

DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$



Pojednostavljeno:  $\overline{A} \cdot C + B$ ,  $(A + \overline{C}) \cdot \overline{B}$ ,  $\overline{B} \cdot (A + \overline{C})$ ,  $\overline{B} \cdot (\overline{C} + A)$ ,  $\overline{B + \overline{A} \cdot C}$ ,  $\overline{B + C \cdot \overline{A}}$ ,  $(\overline{C} + A) \cdot \overline{B}$ ,  $\overline{C \cdot \overline{A} + B}$

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ID: 2016-090

Tablica istinitosti: 00101010

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + B) \cdot \overline{C}$ ,  $(B + A) \cdot \overline{C}$ ,  $\overline{C} \cdot (A + B)$ ,  $\overline{C} \cdot (B + A)$

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ID: 2016-091

Tablica istinitosti: 11001110

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C}$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + C) \cdot B$ ,  $A \cdot \overline{C} + \overline{B}$ ,  $\overline{B} + A \cdot \overline{C}$ ,  $\overline{B} + \overline{C} \cdot A$ ,  $\overline{B \cdot (\overline{A} + C)}$ ,  $\overline{B \cdot (C + \overline{A})}$ ,  $\overline{C} \cdot A + \overline{B}$ ,  $\overline{(C + \overline{A}) \cdot B}$

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ID: 2016-092

Tablica istinitosti: 10100010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot \overline{C}$ ,  $A \cdot \overline{B} + C$ ,  $\overline{B} \cdot A + C$ ,  $(B + \overline{A}) \cdot \overline{C}$ ,  $\overline{C} \cdot (\overline{A} + B)$ ,  $\overline{C} \cdot (B + \overline{A})$ ,  $\overline{C + A \cdot \overline{B}}$ ,  $\overline{C + \overline{B} \cdot A}$

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ID: 2016-093

Tablica istinitosti: 00100011

DNF:  $\overline{A} B \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + \overline{C}) \cdot B$ ,  $B \cdot (A + \overline{C})$ ,  $B \cdot (\overline{C} + A)$ ,  $(\overline{C} + A) \cdot B$

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ID: 2016-094

Tablica istinitosti: 00010011

DNF:  $\overline{A} B C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot B$ ,  $B \cdot (A + C)$ ,  $B \cdot (C + A)$ ,  $(C + A) \cdot B$

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ID: 2016-095

Tablica istinitosti: 11110100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + \overline{B} \cdot C$ ,  $\overline{A} + C \cdot \overline{B}$ ,  $\overline{A \cdot (B + \overline{C})}$ ,  $\overline{A \cdot (\overline{C} + B)}$ ,  $\overline{B \cdot C + A}$ ,  $\overline{(B + \overline{C}) \cdot A}$ ,  $\overline{(\overline{C} + B) \cdot A}$ ,  $C \cdot \overline{B} + \overline{A}$

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ID: 2016-096

Tablica istinitosti: 11000100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + A \overline{B} C$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + C) \cdot \overline{B}$ ,  $A \cdot \overline{C} + \overline{B}$ ,  $\overline{B} \cdot (\overline{A} + C)$ ,  $\overline{B} \cdot (C + \overline{A})$ ,  $\overline{B + A \cdot \overline{C}}$ ,  $\overline{B + \overline{C} \cdot A}$ ,  $\overline{\overline{C} \cdot A + B}$ ,  $(C + \overline{A}) \cdot \overline{B}$

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ID: 2016-097

Tablica istinitosti: 01000111

DNF:  $\overline{A} \overline{B} C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot B + \overline{B} \cdot C$ ,  $A \cdot B + C \cdot \overline{B}$ ,  $(A + \overline{B}) \cdot (B + C)$ ,  $(A + \overline{B}) \cdot (C + B)$ ,  $(\overline{B} + A) \cdot (B + C)$ ,  $(\overline{B} + A) \cdot (C + B)$ ,  $\overline{B} \cdot C + A \cdot B$ ,  $\overline{B} \cdot C + B \cdot A$ ,  $B \cdot A + \overline{B} \cdot C$ ,  $B \cdot A + C \cdot \overline{B}$ ,  $(B + C) \cdot (A + \overline{B})$ ,  $(B + C) \cdot (\overline{B} + A)$ ,  $(C + B) \cdot (A + \overline{B})$ ,  $(C + B) \cdot (\overline{B} + A)$ ,  $C \cdot \overline{B} + A \cdot B$ ,  $C \cdot \overline{B} + B \cdot A$

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ID: 2016-098

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B$ ,  $B + A \cdot C$ ,  $B + C \cdot A$ ,  $C \cdot A + B$

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ID: 2016-099

Tablica istinitosti: 00101010

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + B) \cdot \overline{C}$ ,  $(B + A) \cdot \overline{C}$ ,  $\overline{C} \cdot (A + B)$ ,  $\overline{C} \cdot (B + A)$

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ID: 2016-100

Tablica istinitosti: 00001101

DNF:  $A \overline{B} \overline{C} + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot (\overline{B} + C), A \cdot (C + \overline{B}), (\overline{B} + C) \cdot A, (C + \overline{B}) \cdot A$

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ID: 2016-101

Tablica istinitosti: 10100010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot \overline{C}, A \cdot \overline{B} + \overline{C}, \overline{B} \cdot A + \overline{C}, (B + \overline{A}) \cdot \overline{C}, \overline{C} \cdot (\overline{A} + B), \overline{C} \cdot (B + \overline{A}), \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A$

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ID: 2016-102

Tablica istinitosti: 10101110

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot \overline{C}, A \cdot \overline{B} + \overline{C}, \overline{B} \cdot A + \overline{C}, (B + \overline{A}) \cdot \overline{C}, \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A, \overline{C} \cdot (\overline{A} + B), \overline{C} \cdot (B + \overline{A})$

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ID: 2016-103

Tablica istinitosti: 10111010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot B + \overline{C}, (A + \overline{B}) \cdot \overline{C}, (\overline{B} + A) \cdot \overline{C}, B \cdot \overline{A} + \overline{C}, \overline{C} + \overline{A} \cdot B, \overline{C} + B \cdot \overline{A}, \overline{C} \cdot (A + \overline{B}), \overline{C} \cdot (\overline{B} + A)$

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ID: 2016-104

Tablica istinitosti: 00011111

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C, A + C \cdot B, B \cdot C + A, C \cdot B + A$

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ID: 2016-105

Tablica istinitosti: 01010011

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot (A + C), (\overline{A} + B) \cdot (C + A), \overline{A} \cdot C + A \cdot B, \overline{A} \cdot C + B \cdot A, A \cdot B + \overline{A} \cdot C, A \cdot B + C \cdot \overline{A}, (A + C) \cdot (\overline{A} + B), (A + C) \cdot (B + \overline{A}), B \cdot A + \overline{A} \cdot C, B \cdot A + C \cdot \overline{A}, (B + \overline{A}) \cdot (A + C), (B + \overline{A}) \cdot (C + A), (C + A) \cdot (\overline{A} + B), (C + A) \cdot (B + \overline{A}), C \cdot \overline{A} + A \cdot B, C \cdot \overline{A} + B \cdot A$

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ID: 2016-106

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B, B + A \cdot C, B + C \cdot A, C \cdot A + B$

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ID: 2016-107

Tablica istinitosti: 00110001

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + C) \cdot B, B \cdot (\overline{A} + C), B \cdot (C + \overline{A}), (C + \overline{A}) \cdot B$

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ID: 2016-108

Tablica istinitosti: 00101010

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + B) \cdot \overline{C}, (B + A) \cdot \overline{C}, \overline{C} \cdot (A + B), \overline{C} \cdot (B + A)$

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ID: 2016-109

Tablica istinitosti: 00101111

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + B \cdot \overline{C}, A + \overline{C} \cdot B, B \cdot \overline{C} + A, \overline{C} \cdot B + A$

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ID: 2016-110

Tablica istinitosti: 01010111

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot B + C, B \cdot A + C, C + A \cdot B, C + B \cdot A$

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ID: 2016-111

Tablica istinitosti: 00110010

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A B \overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A \cdot C} \cdot B, B \cdot \overline{A \cdot C}, B \cdot \overline{C \cdot A}, \overline{C \cdot A} \cdot B$

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ID: 2016-112

Tablica istinitosti: 00100011

DNF:  $\overline{A} B \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + \overline{C}) \cdot B, B \cdot (A + \overline{C}), B \cdot (\overline{C} + A), (\overline{C} + A) \cdot B$

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ID: 2016-113

Tablica istinitosti: 01110000

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + C), \overline{A} \cdot (C + B), (B + C) \cdot \overline{A}, (C + B) \cdot \overline{A}$

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ID: 2016-114

Tablica istinitosti: 11110001

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} + B \cdot C, \overline{A} + C \cdot B, B \cdot C + \overline{A}, C \cdot B + \overline{A}$

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ID: 2016-115

Tablica istinitosti: 11011100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}, (\overline{A} + \overline{C}) \cdot \overline{B}, \overline{B} + \overline{A} \cdot C, \overline{B} + C \cdot \overline{A}, \overline{B \cdot (A + \overline{C})}, \overline{B \cdot (\overline{C} + A)}, \overline{(\overline{C} + A) \cdot B}, C \cdot \overline{A} + \overline{B}$

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ID: 2016-116

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B, B + A \cdot C, B + C \cdot A, C \cdot A + B$

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ID: 2016-117

Tablica istinitosti: 10101110

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot C, A \cdot \overline{B} + \overline{C}, \overline{B} \cdot A + \overline{C}, (\overline{B} + \overline{A}) \cdot C, \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A, \overline{C \cdot (\overline{A} + B)}, \overline{C \cdot (B + \overline{A})}$

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ID: 2016-118

Tablica istinitosti: 00010101

DNF:  $\overline{A} B C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + B) \cdot C, (B + A) \cdot C, C \cdot (A + B), C \cdot (B + A)$

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ID: 2016-119

Tablica istinitosti: 00000111

DNF:  $A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot (B + C), A \cdot (C + B), (B + C) \cdot A, (C + B) \cdot A$

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ID: 2016-120

Tablica istinitosti: 10101110

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot C, A \cdot \overline{B} + \overline{C}, \overline{B} \cdot A + \overline{C}, (\overline{B} + \overline{A}) \cdot C, \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A, \overline{C \cdot (\overline{A} + B)}, \overline{C \cdot (B + \overline{A})}$

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ID: 2016-121

Tablica istinitosti: 00100011

DNF:  $\overline{A} B \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + \overline{C}) \cdot B, B \cdot (A + \overline{C}), B \cdot (\overline{C} + A), (\overline{C} + A) \cdot B$

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ID: 2016-122

Tablica istinitosti: 11110010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B \overline{C}$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}, \overline{A} + \overline{C} \cdot B, \overline{A \cdot (\overline{B} + C)}, \overline{A \cdot (C + \overline{B})}, \overline{(\overline{B} + C) \cdot A}, B \cdot \overline{C} + \overline{A}, \overline{C} \cdot B + \overline{A}, \overline{(C + \overline{B}) \cdot A}$

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ID: 2016-123

Tablica istinitosti: 00001011

DNF:  $A\overline{B}\overline{C} + A\overline{B}C + A\overline{B}C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot (B + \overline{C}), A \cdot (\overline{C} + B), (B + \overline{C}) \cdot A, (\overline{C} + B) \cdot A$

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ID: 2016-124

Tablica istinitosti: 11011100

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}, (\overline{A} + \overline{C}) \cdot \overline{B}, \overline{B} + \overline{A} \cdot C, \overline{B} + C \cdot \overline{A}, \overline{B \cdot (A + \overline{C})}, \overline{B \cdot (\overline{C} + A)}, \overline{(\overline{C} + A) \cdot B}, C \cdot \overline{A} + \overline{B}$

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ID: 2016-125

Tablica istinitosti: 10001010

DNF:  $\overline{A}\overline{B}\overline{C} + A\overline{B}\overline{C} + A\overline{B}C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot B + \overline{C}, (A + \overline{B}) \cdot \overline{C}, (\overline{B} + A) \cdot \overline{C}, B \cdot \overline{A} + C, \overline{C} \cdot (A + \overline{B}), \overline{C} \cdot (\overline{B} + A), \overline{C + \overline{A} \cdot B}, \overline{C + B \cdot \overline{A}}$

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ID: 2016-126

Tablica istinitosti: 01011101

DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + A\overline{B}C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot \overline{B} + C, \overline{B} \cdot A + C, C + A \cdot \overline{B}, C + \overline{B} \cdot A$

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ID: 2016-127

Tablica istinitosti: 01010001

DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + A\overline{B}C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + B) \cdot C, (B + \overline{A}) \cdot C, C \cdot (\overline{A} + B), C \cdot (B + \overline{A})$

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ID: 2016-128

Tablica istinitosti: 00000111

DNF:  $A\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot (B + C), A \cdot (C + B), (B + C) \cdot A, (C + B) \cdot A$

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ID: 2016-129

Tablica istinitosti: 10101011

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}\overline{C} + A\overline{B}C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot B + \overline{C}, B \cdot A + \overline{C}, \overline{C} + A \cdot B, \overline{C} + B \cdot A$

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ID: 2016-130

Tablica istinitosti: 11110100

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}B\overline{C} + A\overline{B}C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + \overline{B} \cdot C, \overline{A} + C \cdot \overline{B}, \overline{A \cdot (B + \overline{C})}, \overline{A \cdot (\overline{C} + B)}, \overline{B \cdot C + \overline{A}}, \overline{(B + \overline{C}) \cdot A}, \overline{(\overline{C} + B) \cdot A}, C \cdot \overline{B} + \overline{A}$

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ID: 2016-131

Tablica istinitosti: 10111010

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}\overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot B + \overline{C}, (\overline{A} + \overline{B}) \cdot C, (\overline{B} + A) \cdot C, B \cdot \overline{A} + \overline{C}, \overline{C} + \overline{A} \cdot B, \overline{C} + B \cdot \overline{A}, \overline{C \cdot (A + \overline{B})}, \overline{C \cdot (\overline{B} + A)}$

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ID: 2016-132

Tablica istinitosti: 01001100

DNF:  $\overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot \overline{B}, \overline{B} \cdot (A + C), \overline{B} \cdot (C + A), (C + A) \cdot \overline{B}$

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ID: 2016-133

Tablica istinitosti: 01110000

DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}B\overline{C}$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + C), \overline{A} \cdot (C + B), (B + C) \cdot \overline{A}, (C + B) \cdot \overline{A}$

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ID: 2016-134

Tablica istinitosti: 01001100

DNF:  $\overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C$   
KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $(A + C) \cdot \overline{B}$ ,  $\overline{B} \cdot (A + C)$ ,  $\overline{B} \cdot (C + A)$ ,  $(C + A) \cdot \overline{B}$

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ID: 2016-135

Tablica istinitosti: 10100010  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C}$   
KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $(\overline{A} + B) \cdot \overline{C}$ ,  $\overline{A} \cdot \overline{B} + \overline{C}$ ,  $\overline{B} \cdot A + \overline{C}$ ,  $(B + \overline{A}) \cdot \overline{C}$ ,  $\overline{C} \cdot (\overline{A} + B)$ ,  $\overline{C} \cdot (B + \overline{A})$ ,  $\overline{C} + A \cdot \overline{B}$ ,  $\overline{C} + \overline{B} \cdot A$

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ID: 2016-136

Tablica istinitosti: 01000111  
DNF:  $\overline{A}\overline{B}C + A\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C$   
KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$   
Pojednostavljeno:  $A \cdot B + \overline{B} \cdot C$ ,  $A \cdot B + C \cdot \overline{B}$ ,  $(A + \overline{B}) \cdot (B + C)$ ,  $(A + \overline{B}) \cdot (C + B)$ ,  $(\overline{B} + A) \cdot (B + C)$ ,  $(\overline{B} + A) \cdot (C + B)$ ,  $\overline{B} \cdot C + A \cdot B$ ,  $\overline{B} \cdot C + B \cdot A$ ,  $B \cdot A + \overline{B} \cdot C$ ,  $B \cdot A + C \cdot \overline{B}$ ,  $(B + C) \cdot (A + \overline{B})$ ,  $(B + C) \cdot (\overline{B} + A)$ ,  $(C + B) \cdot (A + \overline{B})$ ,  $(C + B) \cdot (\overline{B} + A)$ ,  $C \cdot \overline{B} + A \cdot B$ ,  $C \cdot \overline{B} + B \cdot A$

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ID: 2016-137

Tablica istinitosti: 10101110  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + A\overline{B}\overline{C}$   
KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $(\overline{A} + B) \cdot \overline{C}$ ,  $A \cdot \overline{B} + \overline{C}$ ,  $\overline{B} \cdot A + \overline{C}$ ,  $(B + \overline{A}) \cdot \overline{C}$ ,  $\overline{C} + A \cdot \overline{B}$ ,  $\overline{C} + \overline{B} \cdot A$ ,  $\overline{C} \cdot (\overline{A} + B)$ ,  $\overline{C} \cdot (B + \overline{A})$

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ID: 2016-138

Tablica istinitosti: 11110100  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + \overline{A}B\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C}$   
KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} + \overline{B} \cdot C$ ,  $\overline{A} + C \cdot \overline{B}$ ,  $A \cdot (B + \overline{C})$ ,  $A \cdot (\overline{C} + B)$ ,  $\overline{B} \cdot C + \overline{A}$ ,  $(B + \overline{C}) \cdot A$ ,  $(\overline{C} + B) \cdot A$ ,  $C \cdot \overline{B} + \overline{A}$

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ID: 2016-139

Tablica istinitosti: 00110101  
DNF:  $\overline{A}B\overline{C} + \overline{A}B\overline{C} + A\overline{B}C + A\overline{B}C$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $\overline{A} \cdot B + A \cdot C$ ,  $\overline{A} \cdot B + C \cdot A$ ,  $(\overline{A} + C) \cdot (A + B)$ ,  $(\overline{A} + C) \cdot (B + A)$ ,  $(A + B) \cdot (\overline{A} + C)$ ,  $(A + B) \cdot (C + \overline{A})$ ,  $A \cdot C + \overline{A} \cdot B$ ,  $A \cdot C + B \cdot \overline{A}$ ,  $(B + A) \cdot (\overline{A} + C)$ ,  $(B + A) \cdot (C + \overline{A})$ ,  $B \cdot \overline{A} + A \cdot C$ ,  $B \cdot \overline{A} + C \cdot A$ ,  $C \cdot A + \overline{A} \cdot B$ ,  $C \cdot A + B \cdot \overline{A}$ ,  $(C + \overline{A}) \cdot (A + B)$ ,  $(C + \overline{A}) \cdot (B + A)$

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ID: 2016-140

Tablica istinitosti: 10001100  
DNF:  $\overline{A}\overline{B}\overline{C} + A\overline{B}\overline{C} + A\overline{B}C$   
KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} \cdot C + B$ ,  $(A + \overline{C}) \cdot \overline{B}$ ,  $\overline{B} \cdot (A + \overline{C})$ ,  $\overline{B} \cdot (\overline{C} + A)$ ,  $\overline{B} + \overline{A} \cdot C$ ,  $\overline{B} + C \cdot \overline{A}$ ,  $(\overline{C} + A) \cdot \overline{B}$ ,  $\overline{C} \cdot \overline{A} + B$

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ID: 2016-141

Tablica istinitosti: 00110001  
DNF:  $\overline{A}B\overline{C} + \overline{A}B\overline{C} + A\overline{B}C$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $(\overline{A} + C) \cdot B$ ,  $B \cdot (\overline{A} + C)$ ,  $B \cdot (C + \overline{A})$ ,  $(C + \overline{A}) \cdot B$

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ID: 2016-142

Tablica istinitosti: 11110010  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + \overline{A}B\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C}$   
KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}$ ,  $\overline{A} + \overline{C} \cdot B$ ,  $A \cdot (\overline{B} + C)$ ,  $A \cdot (C + \overline{B})$ ,  $(\overline{B} + C) \cdot A$ ,  $B \cdot \overline{C} + \overline{A}$ ,  $\overline{C} \cdot B + \overline{A}$ ,  $(C + \overline{B}) \cdot A$

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ID: 2016-143

Tablica istinitosti: 11000100  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}C$   
KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $(\overline{A} + C) \cdot \overline{B}$ ,  $A \cdot \overline{C} + B$ ,  $\overline{B} \cdot (\overline{A} + C)$ ,  $\overline{B} \cdot (C + \overline{A})$ ,  $\overline{B} + A \cdot \overline{C}$ ,  $\overline{B} + \overline{C} \cdot A$ ,  $\overline{C} \cdot A + B$ ,  $(C + \overline{A}) \cdot \overline{B}$

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ID: 2016-144

Tablica istinitosti: 01001100  
DNF:  $\overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C$   
KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $(A + C) \cdot \overline{B}$ ,  $\overline{B} \cdot (A + C)$ ,  $\overline{B} \cdot (C + A)$ ,  $(C + A) \cdot \overline{B}$

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ID: 2016-145

Tablica istinitosti: 10101011

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + AB\overline{C} + ABC$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot B + \overline{C}$ ,  $B \cdot A + \overline{C}$ ,  $\overline{C} + A \cdot B$ ,  $\overline{C} + B \cdot A$

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ID: 2016-146

Tablica istinitosti: 11001110

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + C) \cdot B$ ,  $A \cdot \overline{C} + \overline{B}$ ,  $\overline{B} + A \cdot \overline{C}$ ,  $\overline{B} + \overline{C} \cdot A$ ,  $\overline{B \cdot (\overline{A} + C)}$ ,  $\overline{B \cdot (C + \overline{A})}$ ,  $\overline{C} \cdot A + \overline{B}$ ,  $\overline{(C + \overline{A}) \cdot B}$

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ID: 2016-147

Tablica istinitosti: 01000101

DNF:  $\overline{A}\overline{B}C + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + \overline{B}) \cdot C$ ,  $(\overline{B} + A) \cdot C$ ,  $C \cdot (A + \overline{B})$ ,  $C \cdot (\overline{B} + A)$

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ID: 2016-148

Tablica istinitosti: 00010101

DNF:  $\overline{A}BC + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + B) \cdot C$ ,  $(B + A) \cdot C$ ,  $C \cdot (A + B)$ ,  $C \cdot (B + A)$

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ID: 2016-149

Tablica istinitosti: 11011100

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}BC + A\overline{B}\overline{C} + A\overline{B}C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}$ ,  $(A + \overline{C}) \cdot \overline{B}$ ,  $\overline{B} + \overline{A} \cdot C$ ,  $\overline{B} + C \cdot \overline{A}$ ,  $\overline{B \cdot (A + \overline{C})}$ ,  $\overline{B \cdot (\overline{C} + A)}$ ,  $\overline{(\overline{C} + A) \cdot B}$ ,  $C \cdot \overline{A} + \overline{B}$

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ID: 2016-150

Tablica istinitosti: 01001111

DNF:  $\overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + \overline{B} \cdot C$ ,  $A + C \cdot \overline{B}$ ,  $\overline{B} \cdot C + A$ ,  $C \cdot \overline{B} + A$

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ID: 2016-151

Tablica istinitosti: 11100000

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C}$

KNF:  $(A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}$ ,  $\overline{A} + C \cdot \overline{B}$ ,  $\overline{B} \cdot C + \overline{A}$ ,  $\overline{C} \cdot B + \overline{A}$

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ID: 2016-152

Tablica istinitosti: 10001111

DNF:  $\overline{A}\overline{B}\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C} + ABC$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + \overline{B} + \overline{C}$ ,  $A + \overline{C} + \overline{B}$ ,  $\overline{B} + \overline{C} + A$ ,  $\overline{C} + \overline{B} + A$

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ID: 2016-153

Tablica istinitosti: 00110001

DNF:  $\overline{A}B\overline{C} + \overline{A}BC + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + C) \cdot B$ ,  $B \cdot (\overline{A} + C)$ ,  $B \cdot (C + \overline{A})$ ,  $(C + \overline{A}) \cdot B$

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ID: 2016-154

Tablica istinitosti: 00011111

DNF:  $\overline{A}BC + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C$ ,  $A + C \cdot B$ ,  $B \cdot C + A$ ,  $C \cdot B + A$

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ID: 2016-155

Tablica istinitosti: 11110010

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + AB\overline{C}$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}$ ,  $\overline{A} + \overline{C} \cdot B$ ,  $\overline{A \cdot (\overline{B} + C)}$ ,  $\overline{A \cdot (C + \overline{B})}$ ,  $\overline{(\overline{B} + C) \cdot A}$ ,  $B \cdot \overline{C} + \overline{A}$ ,  $\overline{C} \cdot B + \overline{A}$ ,  $\overline{(C + \overline{B}) \cdot A}$

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ID: 2016-156

Tablica istinitosti: 10100010

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + AB\overline{C}$   
KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $(\overline{A} + B) \cdot \overline{C}, \overline{A} \cdot \overline{B} + C, \overline{B} \cdot A + C, (B + \overline{A}) \cdot \overline{C}, \overline{C} \cdot (\overline{A} + B), \overline{C} \cdot (B + \overline{A}), \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A$

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ID: 2016-157

Tablica istinitosti: 01110011  
DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + AB\overline{C} + ABC$   
KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$   
Pojednostavljeno:  $\overline{A} \cdot C + B, B + \overline{A} \cdot C, B + C \cdot \overline{A}, C \cdot \overline{A} + B$

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ID: 2016-158

Tablica istinitosti: 01011101  
DNF:  $\overline{A}\overline{B}C + \overline{A}BC + A\overline{B}\overline{C} + A\overline{B}C + ABC$   
KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $A \cdot \overline{B} + C, \overline{B} \cdot A + C, C + A \cdot \overline{B}, C + \overline{B} \cdot A$

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ID: 2016-159

Tablica istinitosti: 11110010  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + AB\overline{C}$   
KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}, \overline{A} + \overline{C} \cdot B, A \cdot (\overline{B} + C), \overline{A} \cdot (C + \overline{B}), (\overline{B} + C) \cdot A, B \cdot \overline{C} + \overline{A}, \overline{C} \cdot B + \overline{A}, (\overline{C} + \overline{B}) \cdot A$

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ID: 2016-160

Tablica istinitosti: 01110101  
DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + A\overline{B}C + ABC$   
KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $\overline{A} \cdot B + C, B \cdot \overline{A} + C, C + \overline{A} \cdot B, C + B \cdot \overline{A}$

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ID: 2016-161

Tablica istinitosti: 11000100  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + A\overline{B}\overline{C}$   
KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $(\overline{A} + C) \cdot \overline{B}, \overline{A} \cdot \overline{C} + B, \overline{B} \cdot (\overline{A} + C), \overline{B} \cdot (C + \overline{A}), \overline{B} + A \cdot \overline{C}, \overline{B} + \overline{C} \cdot A, \overline{C} \cdot A + B, (C + \overline{A}) \cdot \overline{B}$

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ID: 2016-162

Tablica istinitosti: 10101000  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C}$   
KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} \cdot B + C, \overline{B} \cdot A + C, \overline{C} + A \cdot \overline{B}, \overline{C} + B \cdot A$

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ID: 2016-163

Tablica istinitosti: 11010000  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}BC$   
KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} \cdot (\overline{B} + C), \overline{A} \cdot (C + \overline{B}), \overline{A} + B \cdot \overline{C}, \overline{A} + \overline{C} \cdot B, (\overline{B} + C) \cdot \overline{A}, \overline{B} \cdot \overline{C} + A, \overline{C} \cdot B + A, (C + \overline{B}) \cdot \overline{A}$

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ID: 2016-164

Tablica istinitosti: 11000100  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + A\overline{B}\overline{C}$   
KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $(\overline{A} + C) \cdot \overline{B}, \overline{A} \cdot \overline{C} + B, \overline{B} \cdot (\overline{A} + C), \overline{B} \cdot (C + \overline{A}), \overline{B} + A \cdot \overline{C}, \overline{B} + \overline{C} \cdot A, \overline{C} \cdot A + B, (C + \overline{A}) \cdot \overline{B}$

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ID: 2016-165

Tablica istinitosti: 11001110  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$   
KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$   
Pojednostavljeno:  $(\overline{A} + C) \cdot B, A \cdot \overline{C} + \overline{B}, \overline{B} + A \cdot \overline{C}, \overline{B} + \overline{C} \cdot A, \overline{B} \cdot (\overline{A} + C), \overline{B} \cdot (C + \overline{A}), \overline{C} \cdot A + \overline{B}, (\overline{C} + \overline{A}) \cdot B$

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ID: 2016-166

Tablica istinitosti: 00101111  
DNF:  $\overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C} + ABC$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C})$   
Pojednostavljeno:  $A + B \cdot \overline{C}, A + \overline{C} \cdot B, B \cdot \overline{C} + A, \overline{C} \cdot B + A$

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ID: 2016-167

Tablica istinitosti: 10110000  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + \overline{A}BC$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} \cdot (B + \overline{C}), \overline{A} \cdot (\overline{C} + B), \overline{A} + \overline{B} \cdot C, \overline{A} + C \cdot \overline{B}, \overline{B} \cdot C + A, (B + \overline{C}) \cdot \overline{A}, (\overline{C} + B) \cdot \overline{A}, \overline{C \cdot \overline{B} + A}$

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ID: 2016-168

Tablica istinitosti: 10110000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + \overline{C}), \overline{A} \cdot (\overline{C} + B), \overline{A} + \overline{B} \cdot C, \overline{A} + C \cdot \overline{B}, \overline{B} \cdot C + A, (B + \overline{C}) \cdot \overline{A}, (\overline{C} + B) \cdot \overline{A}, \overline{C \cdot \overline{B} + A}$

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ID: 2016-169

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B, B + A \cdot C, B + C \cdot A, C \cdot A + B$

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ID: 2016-170

Tablica istinitosti: 00100011

DNF:  $\overline{A} B \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + \overline{C}) \cdot B, B \cdot (A + \overline{C}), B \cdot (\overline{C} + A), (\overline{C} + A) \cdot B$

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ID: 2016-171

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B, B + A \cdot C, B + C \cdot A, C \cdot A + B$

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ID: 2016-172

Tablica istinitosti: 11011100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}, (\overline{A} + \overline{C}) \cdot \overline{B}, \overline{B} + \overline{A} \cdot C, \overline{B} + C \cdot \overline{A}, \overline{B \cdot (A + \overline{C})}, \overline{B \cdot (\overline{C} + A)}, \overline{(\overline{C} + A) \cdot B}, C \cdot \overline{A} + \overline{B}$

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ID: 2016-173

Tablica istinitosti: 00110010

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A B \overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A \cdot C} \cdot B, B \cdot \overline{A \cdot C}, B \cdot \overline{C \cdot A}, \overline{C \cdot A} \cdot B$

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ID: 2016-174

Tablica istinitosti: 01000101

DNF:  $\overline{A} \overline{B} C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + \overline{B}) \cdot C, (\overline{B} + A) \cdot C, C \cdot (A + \overline{B}), C \cdot (\overline{B} + A)$

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ID: 2016-175

Tablica istinitosti: 11000100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + A \overline{B} C$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + C) \cdot \overline{B}, \overline{A \cdot \overline{C} + B}, \overline{B \cdot (\overline{A} + C)}, \overline{B \cdot (C + \overline{A})}, \overline{B + A \cdot \overline{C}}, \overline{B + \overline{C} \cdot A}, \overline{\overline{C} \cdot A + B}, (C + \overline{A}) \cdot \overline{B}$

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ID: 2016-176

Tablica istinitosti: 11110100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + \overline{B} \cdot C, \overline{A} + C \cdot \overline{B}, \overline{A \cdot (B + \overline{C})}, \overline{A \cdot (\overline{C} + B)}, \overline{B \cdot C + A}, \overline{(B + \overline{C}) \cdot A}, \overline{(\overline{C} + B) \cdot A}, C \cdot \overline{B} + \overline{A}$

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ID: 2016-177

Tablica istinitosti: 00101111

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + B \cdot \overline{C}, A + \overline{C} \cdot B, B \cdot \overline{C} + A, \overline{C} \cdot B + A$

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ID: 2016-178

Tablica istinitosti: 10001100

DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$



Pojednostavljeno:  $\overline{A} \cdot C + B$ ,  $(A + \overline{C}) \cdot \overline{B}$ ,  $\overline{B} \cdot (A + \overline{C})$ ,  $\overline{B} \cdot (\overline{C} + A)$ ,  $\overline{B} + \overline{A} \cdot C$ ,  $\overline{B} + C \cdot \overline{A}$ ,  $(\overline{C} + A) \cdot \overline{B}$ ,  $\overline{C} \cdot \overline{A} + B$

ID: 2016-179

Tablica istinitosti: 01010111

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot B + C$ ,  $B \cdot A + C$ ,  $C + A \cdot B$ ,  $C + B \cdot A$

ID: 2016-180

Tablica istinitosti: 10001010

DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot B + C$ ,  $(A + \overline{B}) \cdot \overline{C}$ ,  $(\overline{B} + A) \cdot \overline{C}$ ,  $\overline{B} \cdot \overline{A} + C$ ,  $\overline{C} \cdot (A + \overline{B})$ ,  $\overline{C} \cdot (\overline{B} + A)$ ,  $\overline{C} + \overline{A} \cdot B$ ,  $\overline{C} + B \cdot \overline{A}$

ID: 2016-181

Tablica istinitosti: 00110001

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + C) \cdot B$ ,  $B \cdot (\overline{A} + C)$ ,  $B \cdot (C + \overline{A})$ ,  $(C + \overline{A}) \cdot B$

ID: 2016-182

Tablica istinitosti: 01010001

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + B) \cdot C$ ,  $(B + \overline{A}) \cdot C$ ,  $C \cdot (\overline{A} + B)$ ,  $C \cdot (B + \overline{A})$

ID: 2016-183

Tablica istinitosti: 00100111

DNF:  $\overline{A} B \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B \cdot \overline{C}$ ,  $A \cdot C + \overline{C} \cdot B$ ,  $(A + \overline{C}) \cdot (B + C)$ ,  $(A + \overline{C}) \cdot (C + B)$ ,  $(B + C) \cdot (A + \overline{C})$ ,  $(B + C) \cdot (\overline{C} + A)$ ,  $B \cdot \overline{C} + A \cdot C$ ,  $B \cdot \overline{C} + C \cdot A$ ,  $(\overline{C} + A) \cdot (B + C)$ ,  $(\overline{C} + A) \cdot (C + B)$ ,  $\overline{C} \cdot B + A \cdot C$ ,  $\overline{C} \cdot B + C \cdot A$ ,  $C \cdot A + B \cdot \overline{C}$ ,  $C \cdot A + \overline{C} \cdot B$ ,  $(C + B) \cdot (A + \overline{C})$ ,  $(C + B) \cdot (\overline{C} + A)$

ID: 2016-184

Tablica istinitosti: 00101010

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + B) \cdot \overline{C}$ ,  $(B + A) \cdot \overline{C}$ ,  $\overline{C} \cdot (A + B)$ ,  $\overline{C} \cdot (B + A)$

ID: 2016-185

Tablica istinitosti: 10101011

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot B + \overline{C}$ ,  $B \cdot A + \overline{C}$ ,  $\overline{C} + A \cdot B$ ,  $\overline{C} + B \cdot A$

ID: 2016-186

Tablica istinitosti: 00101010

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + B) \cdot \overline{C}$ ,  $(B + A) \cdot \overline{C}$ ,  $\overline{C} \cdot (A + B)$ ,  $\overline{C} \cdot (B + A)$

ID: 2016-187

Tablica istinitosti: 01110011

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + B$ ,  $B + \overline{A} \cdot C$ ,  $B + C \cdot \overline{A}$ ,  $C \cdot \overline{A} + B$

ID: 2016-188

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B$ ,  $B + A \cdot C$ ,  $B + C \cdot A$ ,  $C \cdot A + B$

ID: 2016-189

Tablica istinitosti: 00000111

DNF:  $A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot (B + C)$ ,  $A \cdot (C + B)$ ,  $(B + C) \cdot A$ ,  $(C + B) \cdot A$

ID: 2016-190

Tablica istinitosti: 00001011

DNF:  $A \overline{B} \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot (B + \overline{C})$ ,  $A \cdot (\overline{C} + B)$ ,  $(B + \overline{C}) \cdot A$ ,  $(\overline{C} + B) \cdot A$

ID: 2016-191

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B$ ,  $B + A \cdot C$ ,  $B + C \cdot A$ ,  $C \cdot A + B$

ID: 2016-192

Tablica istinitosti: 00011111

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C$ ,  $A + C \cdot B$ ,  $B \cdot C + A$ ,  $C \cdot B + A$

ID: 2016-193

Tablica istinitosti: 11010000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (\overline{B} + C)$ ,  $\overline{A} \cdot (C + \overline{B})$ ,  $\overline{A} + B \cdot \overline{C}$ ,  $\overline{A} + \overline{C} \cdot B$ ,  $(\overline{B} + C) \cdot \overline{A}$ ,  $\overline{B} \cdot \overline{C} + A$ ,  $\overline{C} \cdot B + A$ ,  $(C + \overline{B}) \cdot \overline{A}$

ID: 2016-194

Tablica istinitosti: 00101111

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + B \cdot \overline{C}$ ,  $A + \overline{C} \cdot B$ ,  $B \cdot \overline{C} + A$ ,  $\overline{C} \cdot B + A$

ID: 2016-195

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B$ ,  $B + A \cdot C$ ,  $B + C \cdot A$ ,  $C \cdot A + B$

ID: 2016-196

Tablica istinitosti: 01011101

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot \overline{B} + C$ ,  $\overline{B} \cdot A + C$ ,  $C + A \cdot \overline{B}$ ,  $C + \overline{B} \cdot A$

ID: 2016-197

Tablica istinitosti: 11101100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot B$ ,  $\overline{B} \cdot (A + C)$ ,  $\overline{B} \cdot (C + A)$ ,  $(C + A) \cdot \overline{B}$

ID: 2016-198

Tablica istinitosti: 01011101

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot \overline{B} + C$ ,  $\overline{B} \cdot A + C$ ,  $C + A \cdot \overline{B}$ ,  $C + \overline{B} \cdot A$

ID: 2016-199

Tablica istinitosti: 11110001

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} + B \cdot C$ ,  $\overline{A} + C \cdot B$ ,  $B \cdot C + \overline{A}$ ,  $C \cdot B + \overline{A}$

ID: 2016-200

Tablica istinitosti: 00011111

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C$ ,  $A + C \cdot B$ ,  $B \cdot C + A$ ,  $C \cdot B + A$

ID: 2016-201

Tablica istinitosti: 00110111

DNF:  $\overline{A}B\overline{C} + \overline{A}BC + A\overline{B}C + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B, B + A \cdot C, B + C \cdot A, C \cdot A + B$

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ID: 2016-202

Tablica istinitosti: 10101011

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + AB\overline{C} + ABC$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot B + \overline{C}, B \cdot A + \overline{C}, \overline{C} + A \cdot B, \overline{C} + B \cdot A$

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ID: 2016-203

Tablica istinitosti: 11001110

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + C) \cdot B, A \cdot \overline{C} + \overline{B}, \overline{B} + A \cdot \overline{C}, \overline{B} + \overline{C} \cdot A, \overline{B \cdot (\overline{A} + C)}, \overline{B \cdot (C + \overline{A})}, \overline{C} \cdot A + \overline{B}, \overline{(C + \overline{A}) \cdot B}$

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ID: 2016-204

Tablica istinitosti: 10101110

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot C, A \cdot \overline{B} + \overline{C}, \overline{B} \cdot A + \overline{C}, \overline{(B + \overline{A}) \cdot C}, \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A, \overline{C \cdot (\overline{A} + B)}, \overline{C \cdot (B + \overline{A})}$

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ID: 2016-205

Tablica istinitosti: 11001101

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C + ABC$

KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot C + \overline{B}, \overline{B} + A \cdot C, \overline{B} + C \cdot A, C \cdot A + \overline{B}$

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ID: 2016-206

Tablica istinitosti: 10110000

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + \overline{A}BC$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + \overline{C}), \overline{A} \cdot (\overline{C} + B), \overline{A + \overline{B} \cdot C}, \overline{A + C \cdot \overline{B}}, \overline{B \cdot C + A}, (B + \overline{C}) \cdot \overline{A}, (\overline{C} + B) \cdot \overline{A}, \overline{C \cdot \overline{B} + A}$

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ID: 2016-207

Tablica istinitosti: 01110101

DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} \cdot B + C, B \cdot \overline{A} + C, C + \overline{A} \cdot B, C + B \cdot \overline{A}$

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ID: 2016-208

Tablica istinitosti: 10110000

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + \overline{A}BC$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + \overline{C}), \overline{A} \cdot (\overline{C} + B), \overline{A + \overline{B} \cdot C}, \overline{A + C \cdot \overline{B}}, \overline{B \cdot C + A}, (B + \overline{C}) \cdot \overline{A}, (\overline{C} + B) \cdot \overline{A}, \overline{C \cdot \overline{B} + A}$

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ID: 2016-209

Tablica istinitosti: 00010011

DNF:  $\overline{A}BC + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot B, B \cdot (A + C), B \cdot (C + A), (C + A) \cdot B$

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ID: 2016-210

Tablica istinitosti: 01010001

DNF:  $\overline{A}\overline{B}C + \overline{A}BC + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + B) \cdot C, (B + \overline{A}) \cdot C, C \cdot (\overline{A} + B), C \cdot (B + \overline{A})$

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ID: 2016-211

Tablica istinitosti: 01011101

DNF:  $\overline{A}\overline{B}C + \overline{A}BC + A\overline{B}\overline{C} + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot \overline{B} + C, \overline{B} \cdot A + C, C + A \cdot \overline{B}, C + \overline{B} \cdot A$

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ID: 2016-212

Tablica istinitosti: 10101110

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$   
KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{(A + B)} \cdot \overline{C}, A \cdot \overline{B} + \overline{C}, \overline{B} \cdot A + \overline{C}, \overline{(B + \overline{A})} \cdot \overline{C}, \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A, \overline{C \cdot (A + B)}, \overline{C \cdot (B + \overline{A})}$

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ID: 2016-213

Tablica istinitosti: 10001100

DNF:  $\overline{A}\overline{B}\overline{C} + A\overline{B}\overline{C} + A\overline{B}C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + B, (A + \overline{C}) \cdot \overline{B}, \overline{B} \cdot (A + \overline{C}), \overline{B} \cdot (C + A), B + \overline{A} \cdot C, B + C \cdot \overline{A}, (\overline{C} + A) \cdot \overline{B}, C \cdot \overline{A} + B$

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ID: 2016-214

Tablica istinitosti: 01010100

DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + A\overline{B}C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot \overline{B} \cdot C, \overline{B} \cdot \overline{A} \cdot C, C \cdot \overline{A} \cdot \overline{B}, C \cdot \overline{B} \cdot \overline{A}$

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ID: 2016-215

Tablica istinitosti: 10101110

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{(A + B)} \cdot \overline{C}, A \cdot \overline{B} + \overline{C}, \overline{B} \cdot A + \overline{C}, \overline{(B + \overline{A})} \cdot \overline{C}, \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A, \overline{C \cdot (A + B)}, \overline{C \cdot (B + \overline{A})}$

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ID: 2016-216

Tablica istinitosti: 01000101

DNF:  $\overline{A}\overline{B}C + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + \overline{B}) \cdot C, (\overline{B} + A) \cdot C, C \cdot (A + \overline{B}), C \cdot (\overline{B} + A)$

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ID: 2016-217

Tablica istinitosti: 00111011

DNF:  $\overline{A}B\overline{C} + \overline{A}BC + A\overline{B}\overline{C} + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot \overline{C} + B, B + A \cdot \overline{C}, B + \overline{C} \cdot A, \overline{C} \cdot A + B$

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ID: 2016-218

Tablica istinitosti: 10101011

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + AB\overline{C} + ABC$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot B + \overline{C}, B \cdot A + \overline{C}, \overline{C} + A \cdot B, \overline{C} + B \cdot A$

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ID: 2016-219

Tablica istinitosti: 01010001

DNF:  $\overline{A}\overline{B}C + \overline{A}BC + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{(A + B)} \cdot C, (B + \overline{A}) \cdot C, C \cdot (\overline{A} + B), C \cdot (B + \overline{A})$

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ID: 2016-220

Tablica istinitosti: 00001101

DNF:  $A\overline{B}\overline{C} + A\overline{B}C + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot (\overline{B} + C), A \cdot (C + \overline{B}), (\overline{B} + C) \cdot A, (C + \overline{B}) \cdot A$

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ID: 2016-221

Tablica istinitosti: 11110010

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + AB\overline{C}$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}, \overline{A} + \overline{C} \cdot B, A \cdot (\overline{B} + C), A \cdot (C + \overline{B}), \overline{(B + C)} \cdot A, B \cdot \overline{C} + \overline{A}, \overline{C} \cdot B + \overline{A}, \overline{(C + \overline{B})} \cdot A$

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ID: 2016-222

Tablica istinitosti: 11110010

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + AB\overline{C}$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}, \overline{A} + \overline{C} \cdot B, A \cdot (\overline{B} + C), A \cdot (C + \overline{B}), \overline{(B + C)} \cdot A, B \cdot \overline{C} + \overline{A}, \overline{C} \cdot B + \overline{A}, \overline{(C + \overline{B})} \cdot A$

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ID: 2016-223

Tablica istinitosti: 11110001

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + ABC$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $\overline{A} + B \cdot C, \overline{A} + C \cdot B, B \cdot C + \overline{A}, C \cdot B + \overline{A}$

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ID: 2016-224

Tablica istinitosti: 10001010

DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot B + C, (A + \overline{B}) \cdot \overline{C}, (\overline{B} + A) \cdot \overline{C}, \overline{B} \cdot \overline{A} + C, \overline{C} \cdot (A + \overline{B}), \overline{C} \cdot (\overline{B} + A), \overline{C} + \overline{A} \cdot B, \overline{C} + B \cdot \overline{A}$

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ID: 2016-225

Tablica istinitosti: 11110001

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} + B \cdot C, \overline{A} + C \cdot B, B \cdot C + \overline{A}, C \cdot B + \overline{A}$

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ID: 2016-226

Tablica istinitosti: 10110000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + \overline{C}), \overline{A} \cdot (\overline{C} + B), \overline{A} + \overline{B} \cdot C, \overline{A} + C \cdot \overline{B}, \overline{B} \cdot C + A, (B + \overline{C}) \cdot \overline{A}, (\overline{C} + B) \cdot \overline{A}, \overline{C} \cdot \overline{B} + A$

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ID: 2016-227

Tablica istinitosti: 10110000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + \overline{C}), \overline{A} \cdot (\overline{C} + B), \overline{A} + \overline{B} \cdot C, \overline{A} + C \cdot \overline{B}, \overline{B} \cdot C + A, (B + \overline{C}) \cdot \overline{A}, (\overline{C} + B) \cdot \overline{A}, \overline{C} \cdot \overline{B} + A$

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ID: 2016-228

Tablica istinitosti: 00011111

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C, A + C \cdot B, B \cdot C + A, C \cdot B + A$

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ID: 2016-229

Tablica istinitosti: 11110001

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} + B \cdot C, \overline{A} + C \cdot B, B \cdot C + \overline{A}, C \cdot B + \overline{A}$

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ID: 2016-230

Tablica istinitosti: 10100010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot \overline{C}, \overline{A} \cdot \overline{B} + C, \overline{B} \cdot A + C, (B + \overline{A}) \cdot \overline{C}, \overline{C} \cdot (\overline{A} + B), \overline{C} \cdot (B + \overline{A}), \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A$

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ID: 2016-231

Tablica istinitosti: 10001100

DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + B, (A + \overline{C}) \cdot \overline{B}, \overline{B} \cdot (A + \overline{C}), \overline{B} \cdot (\overline{C} + A), \overline{B} + \overline{A} \cdot C, \overline{B} + C \cdot \overline{A}, (\overline{C} + A) \cdot \overline{B}, \overline{C} \cdot \overline{A} + B$

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ID: 2016-232

Tablica istinitosti: 00101111

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + B \cdot \overline{C}, A + \overline{C} \cdot B, B \cdot \overline{C} + A, \overline{C} \cdot B + A$

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ID: 2016-233

Tablica istinitosti: 00010101

DNF:  $\overline{A} B C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + B) \cdot C, (B + A) \cdot C, C \cdot (A + B), C \cdot (B + A)$

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ID: 2016-234

Tablica istinitosti: 00110001

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + C) \cdot B$ ,  $B \cdot (\overline{A} + C)$ ,  $B \cdot (C + \overline{A})$ ,  $(C + \overline{A}) \cdot B$

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ID: 2016-235

Tablica istinitosti: 00001101

DNF:  $A \overline{B} \overline{C} + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot (\overline{B} + C)$ ,  $A \cdot (C + \overline{B})$ ,  $(\overline{B} + C) \cdot A$ ,  $(C + \overline{B}) \cdot A$

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ID: 2016-236

Tablica istinitosti: 00101111

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + B \cdot \overline{C}$ ,  $A + \overline{C} \cdot B$ ,  $B \cdot \overline{C} + A$ ,  $\overline{C} \cdot B + A$

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ID: 2016-237

Tablica istinitosti: 10101011

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot B + \overline{C}$ ,  $B \cdot A + \overline{C}$ ,  $\overline{C} + A \cdot B$ ,  $\overline{C} + B \cdot A$

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ID: 2016-238

Tablica istinitosti: 10001010

DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot B + \overline{C}$ ,  $(A + \overline{B}) \cdot \overline{C}$ ,  $(\overline{B} + A) \cdot \overline{C}$ ,  $B \cdot \overline{A} + \overline{C}$ ,  $\overline{C} \cdot (A + \overline{B})$ ,  $\overline{C} \cdot (\overline{B} + A)$ ,  $\overline{C} + \overline{A} \cdot B$ ,  $\overline{C} + B \cdot \overline{A}$

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ID: 2016-239

Tablica istinitosti: 00110111

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot C + B$ ,  $B + A \cdot C$ ,  $B + C \cdot A$ ,  $C \cdot A + B$

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ID: 2016-240

Tablica istinitosti: 01110011

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + B$ ,  $B + \overline{A} \cdot C$ ,  $B + C \cdot \overline{A}$ ,  $C \cdot \overline{A} + B$

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ID: 2016-241

Tablica istinitosti: 01001111

DNF:  $\overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + \overline{B} \cdot C$ ,  $A + C \cdot \overline{B}$ ,  $\overline{B} \cdot C + A$ ,  $C \cdot \overline{B} + A$

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ID: 2016-242

Tablica istinitosti: 00011111

DNF:  $\overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C)$

Pojednostavljeno:  $A + B \cdot C$ ,  $A + C \cdot B$ ,  $B \cdot C + A$ ,  $C \cdot B + A$

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ID: 2016-243

Tablica istinitosti: 00110001

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + C) \cdot B$ ,  $B \cdot (\overline{A} + C)$ ,  $B \cdot (C + \overline{A})$ ,  $(C + \overline{A}) \cdot B$

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ID: 2016-244

Tablica istinitosti: 10111010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot B + \overline{C}$ ,  $(A + \overline{B}) \cdot \overline{C}$ ,  $(\overline{B} + A) \cdot \overline{C}$ ,  $B \cdot \overline{A} + \overline{C}$ ,  $\overline{C} + \overline{A} \cdot B$ ,  $\overline{C} + B \cdot \overline{A}$ ,  $\overline{C} \cdot (A + \overline{B})$ ,  $\overline{C} \cdot (\overline{B} + A)$

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ID: 2016-245

Tablica istinitosti: 00101010

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(A + B) \cdot \overline{C}$ ,  $(B + A) \cdot \overline{C}$ ,  $\overline{C} \cdot (A + B)$ ,  $\overline{C} \cdot (B + A)$

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ID: 2016-246

Tablica istinitosti: 11110100

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + A\overline{B}C$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + \overline{B} \cdot C, \overline{A} + C \cdot \overline{B}, \overline{A} \cdot (B + \overline{C}), \overline{A} \cdot (\overline{C} + B), \overline{B} \cdot C + \overline{A}, \overline{(B + \overline{C}) \cdot A}, \overline{(\overline{C} + B) \cdot A}, C \cdot \overline{B} + \overline{A}$

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ID: 2016-247

Tablica istinitosti: 00010011

DNF:  $\overline{A}BC + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot B, B \cdot (A + C), B \cdot (C + A), (C + A) \cdot B$

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ID: 2016-248

Tablica istinitosti: 11100000

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C}$

KNF:  $(A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + \overline{B} \cdot \overline{C}, \overline{A} + C \cdot \overline{B}, \overline{B} \cdot C + \overline{A}, C \cdot \overline{B} + \overline{A}$

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ID: 2016-249

Tablica istinitosti: 00110010

DNF:  $\overline{A}B\overline{C} + \overline{A}BC + AB\overline{C}$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot \overline{C} \cdot B, B \cdot \overline{A} \cdot \overline{C}, B \cdot \overline{C} \cdot A, \overline{C} \cdot A \cdot B$

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ID: 2016-250

Tablica istinitosti: 11010101

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}BC + A\overline{B}C + ABC$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} + \overline{B} + C, \overline{B} + \overline{A} + C, C + \overline{A} + \overline{B}, C + \overline{B} + \overline{A}$

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ID: 2016-251

Tablica istinitosti: 00100011

DNF:  $\overline{A}B\overline{C} + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + \overline{C}) \cdot B, B \cdot (A + \overline{C}), B \cdot (\overline{C} + A), (\overline{C} + A) \cdot B$

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ID: 2016-252

Tablica istinitosti: 10101110

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $(\overline{A} + B) \cdot \overline{C}, A \cdot \overline{B} + \overline{C}, \overline{B} \cdot A + \overline{C}, \overline{(B + \overline{A}) \cdot C}, \overline{C} + A \cdot \overline{B}, \overline{C} + \overline{B} \cdot A, \overline{C \cdot (\overline{A} + B)}, \overline{C \cdot (B + \overline{A})}$

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ID: 2016-253

Tablica istinitosti: 10111010

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + \overline{A}BC + A\overline{B}\overline{C} + AB\overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot B + \overline{C}, (A + \overline{B}) \cdot \overline{C}, (\overline{B} + A) \cdot \overline{C}, B \cdot \overline{A} + \overline{C}, \overline{C} + \overline{A} \cdot B, \overline{C} + B \cdot \overline{A}, \overline{C \cdot (A + \overline{B})}, \overline{C \cdot (\overline{B} + A)}$

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ID: 2016-254

Tablica istinitosti: 00110001

DNF:  $\overline{A}B\overline{C} + \overline{A}BC + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + C) \cdot B, B \cdot (\overline{A} + C), B \cdot (C + \overline{A}), (C + \overline{A}) \cdot B$

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ID: 2016-255

Tablica istinitosti: 01010001

DNF:  $\overline{A}\overline{B}C + \overline{A}BC + ABC$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + B) \cdot C, (B + \overline{A}) \cdot C, C \cdot (\overline{A} + B), C \cdot (B + \overline{A})$

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ID: 2016-256

Tablica istinitosti: 00111011

DNF:  $\overline{A}B\overline{C} + \overline{A}BC + A\overline{B}\overline{C} + AB\overline{C} + ABC$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot \overline{C} + B, B + A \cdot \overline{C}, B + \overline{C} \cdot A, \overline{C} \cdot A + B$

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ID: 2016-257

Tablica istinitosti: 11001101

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + A\overline{B}\overline{C} + A\overline{B}C + ABC$   
KNF:  $(A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $A \cdot C + \overline{B}, \overline{B} + A \cdot C, \overline{B} + C \cdot A, C \cdot A + \overline{B}$

ID: 2016-258

Tablica istinitosti: 11110001  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + ABC$   
KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $\overline{A} + B \cdot C, \overline{A} + C \cdot B, B \cdot C + \overline{A}, C \cdot B + \overline{A}$

ID: 2016-259

Tablica istinitosti: 01110101  
DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + A\overline{B}C + ABC$   
KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $\overline{A} \cdot B + C, B \cdot \overline{A} + C, C + \overline{A} \cdot B, C + B \cdot \overline{A}$

ID: 2016-260

Tablica istinitosti: 00001101  
DNF:  $A\overline{B}\overline{C} + A\overline{B}C + ABC$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $A \cdot (\overline{B} + C), A \cdot (C + \overline{B}), (\overline{B} + C) \cdot A, (C + \overline{B}) \cdot A$

ID: 2016-261

Tablica istinitosti: 01010111  
DNF:  $\overline{A}\overline{B}C + \overline{A}BC + A\overline{B}C + AB\overline{C} + ABC$   
KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C)$   
Pojednostavljeno:  $A \cdot B + C, B \cdot A + C, C + A \cdot B, C + B \cdot A$

ID: 2016-262

Tablica istinitosti: 11110001  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + ABC$   
KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $\overline{A} + B \cdot C, \overline{A} + C \cdot B, B \cdot C + \overline{A}, C \cdot B + \overline{A}$

ID: 2016-263

Tablica istinitosti: 00100111  
DNF:  $\overline{A}B\overline{C} + A\overline{B}C + AB\overline{C} + ABC$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$   
Pojednostavljeno:  $A \cdot C + B \cdot \overline{C}, A \cdot C + \overline{C} \cdot B, (A + \overline{C}) \cdot (B + C), (A + \overline{C}) \cdot (C + B), (B + C) \cdot (A + \overline{C}), (B + C) \cdot (\overline{C} + A), B \cdot \overline{C} + A \cdot C, B \cdot \overline{C} + C \cdot A, (\overline{C} + A) \cdot (B + C), (\overline{C} + A) \cdot (C + B), \overline{C} \cdot B + A \cdot C, \overline{C} \cdot B + C \cdot A, C \cdot A + B \cdot \overline{C}, C \cdot A + \overline{C} \cdot B, (C + B) \cdot (A + \overline{C}), (C + B) \cdot (\overline{C} + A)$

ID: 2016-264

Tablica istinitosti: 10001100  
DNF:  $\overline{A}\overline{B}\overline{C} + A\overline{B}\overline{C} + A\overline{B}C$   
KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} \cdot C + B, (A + \overline{C}) \cdot \overline{B}, \overline{B} \cdot (A + \overline{C}), \overline{B} \cdot (\overline{C} + A), \overline{B} + \overline{A} \cdot C, \overline{B} + C \cdot \overline{A}, (\overline{C} + A) \cdot \overline{B}, \overline{C} \cdot \overline{A} + B$

ID: 2016-265

Tablica istinitosti: 11101100  
DNF:  $\overline{A}\overline{B}C + \overline{A}BC + A\overline{B}\overline{C} + A\overline{B}C + A\overline{B}C$   
KNF:  $(A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + B + \overline{C})$   
Pojednostavljeno:  $(A + C) \cdot B, \overline{B} \cdot (A + C), \overline{B} \cdot (C + A), (\overline{C} + A) \cdot B$

ID: 2016-266

Tablica istinitosti: 00110010  
DNF:  $\overline{A}B\overline{C} + \overline{A}BC + AB\overline{C}$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} \cdot \overline{C} \cdot B, B \cdot \overline{A} \cdot \overline{C}, B \cdot \overline{C} \cdot A, \overline{C} \cdot A \cdot B$

ID: 2016-267

Tablica istinitosti: 00001101  
DNF:  $A\overline{B}\overline{C} + A\overline{B}C + ABC$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $A \cdot (\overline{B} + C), A \cdot (C + \overline{B}), (\overline{B} + C) \cdot A, (C + \overline{B}) \cdot A$

ID: 2016-268

Tablica istinitosti: 11011100  
DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}BC + A\overline{B}\overline{C} + A\overline{B}C$



KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}$ ,  $(A + \overline{C}) \cdot \overline{B}$ ,  $\overline{B} + \overline{A} \cdot C$ ,  $\overline{B} + C \cdot \overline{A}$ ,  $\overline{B \cdot (A + \overline{C})}$ ,  $\overline{B \cdot (\overline{C} + A)}$ ,  $\overline{(\overline{C} + A) \cdot B}$ ,  $C \cdot \overline{A} + \overline{B}$

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ID: 2016-269

Tablica istinitosti: 01010011

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(\overline{A}+B) \cdot (A+C)$ ,  $(\overline{A}+B) \cdot (C+A)$ ,  $\overline{A} \cdot C + A \cdot B$ ,  $\overline{A} \cdot C + B \cdot A$ ,  $A \cdot B + \overline{A} \cdot C$ ,  $A \cdot B + C \cdot \overline{A}$ ,  $(A+C) \cdot (\overline{A}+B)$ ,  $(A+C) \cdot (B+\overline{A})$ ,  $B \cdot A + \overline{A} \cdot C$ ,  $B \cdot A + C \cdot \overline{A}$ ,  $(B+\overline{A}) \cdot (A+C)$ ,  $(B+\overline{A}) \cdot (C+A)$ ,  $(C+A) \cdot (\overline{A}+B)$ ,  $(C+A) \cdot (B+\overline{A})$ ,  $C \cdot \overline{A} + A \cdot B$ ,  $C \cdot \overline{A} + B \cdot A$

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ID: 2016-270

Tablica istinitosti: 00000111

DNF:  $A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$

Pojednostavljeno:  $A \cdot (B + C)$ ,  $A \cdot (C + B)$ ,  $(B + C) \cdot A$ ,  $(C + B) \cdot A$

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ID: 2016-271

Tablica istinitosti: 10001100

DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}$ ,  $(A + \overline{C}) \cdot \overline{B}$ ,  $\overline{B} \cdot (A + \overline{C})$ ,  $\overline{B} \cdot (\overline{C} + A)$ ,  $\overline{B + \overline{A} \cdot C}$ ,  $\overline{B + C \cdot \overline{A}}$ ,  $(\overline{C} + A) \cdot \overline{B}$ ,  $\overline{C \cdot \overline{A} + B}$

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ID: 2016-272

Tablica istinitosti: 00001101

DNF:  $A \overline{B} \overline{C} + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $A \cdot (\overline{B} + C)$ ,  $A \cdot (C + \overline{B})$ ,  $(\overline{B} + C) \cdot A$ ,  $(C + \overline{B}) \cdot A$

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ID: 2016-273

Tablica istinitosti: 10101011

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot B + \overline{C}$ ,  $B \cdot A + \overline{C}$ ,  $\overline{C} + A \cdot B$ ,  $\overline{C} + B \cdot A$

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ID: 2016-274

Tablica istinitosti: 10001010

DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$

KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot B + \overline{C}$ ,  $(A + \overline{B}) \cdot \overline{C}$ ,  $(\overline{B} + A) \cdot \overline{C}$ ,  $\overline{B \cdot \overline{A} + C}$ ,  $\overline{C \cdot (A + \overline{B})}$ ,  $\overline{C \cdot (\overline{B} + A)}$ ,  $\overline{C + \overline{A} \cdot B}$ ,  $\overline{C + B \cdot \overline{A}}$

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ID: 2016-275

Tablica istinitosti: 01110101

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} \cdot B + C$ ,  $B \cdot \overline{A} + C$ ,  $C + \overline{A} \cdot B$ ,  $C + B \cdot \overline{A}$

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ID: 2016-276

Tablica istinitosti: 01010001

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + B) \cdot C$ ,  $(B + \overline{A}) \cdot C$ ,  $C \cdot (\overline{A} + B)$ ,  $C \cdot (B + \overline{A})$

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ID: 2016-277

Tablica istinitosti: 00010011

DNF:  $\overline{A} B C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot B$ ,  $B \cdot (A + C)$ ,  $B \cdot (C + A)$ ,  $(C + A) \cdot B$

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ID: 2016-278

Tablica istinitosti: 00110101

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $\overline{A} \cdot B + A \cdot C$ ,  $\overline{A} \cdot B + C \cdot A$ ,  $(\overline{A}+C) \cdot (A+B)$ ,  $(\overline{A}+C) \cdot (B+A)$ ,  $(A+B) \cdot (\overline{A}+C)$ ,  $(A+B) \cdot (C+\overline{A})$ ,  $A \cdot C + \overline{A} \cdot B$ ,  $A \cdot C + B \cdot \overline{A}$ ,  $(B+A) \cdot (\overline{A}+C)$ ,  $(B+A) \cdot (C+\overline{A})$ ,  $B \cdot \overline{A} + A \cdot C$ ,  $B \cdot \overline{A} + C \cdot A$ ,  $C \cdot A + \overline{A} \cdot B$ ,  $C \cdot A + B \cdot \overline{A}$ ,  $(C+\overline{A}) \cdot (A+B)$ ,  $(C+\overline{A}) \cdot (B+A)$

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ID: 2016-279

Tablica istinitosti: 01010111

DNF:  $\overline{A} \overline{B} C + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C)$   
Pojednostavljeno:  $A \cdot B + C, B \cdot A + C, C + A \cdot B, C + B \cdot A$

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ID: 2016-280  
Tablica istinitosti: 00110111  
DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$   
Pojednostavljeno:  $A \cdot C + B, B + A \cdot C, B + C \cdot A, C \cdot A + B$

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ID: 2016-281  
Tablica istinitosti: 00101010  
DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $(A + B) \cdot \overline{C}, (B + A) \cdot \overline{C}, \overline{C} \cdot (A + B), \overline{C} \cdot (B + A)$

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ID: 2016-282  
Tablica istinitosti: 11100000  
DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C}$   
KNF:  $(A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}, \overline{A} + C \cdot \overline{B}, \overline{B} \cdot C + \overline{A}, \overline{C} \cdot B + \overline{A}$

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ID: 2016-283  
Tablica istinitosti: 01000111  
DNF:  $\overline{A} \overline{B} C + A \overline{B} C + A B \overline{C} + A B C$   
KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C)$   
Pojednostavljeno:  $A \cdot B + \overline{B} \cdot C, A \cdot B + C \cdot \overline{B}, (A + \overline{B}) \cdot (B + C), (A + \overline{B}) \cdot (C + B), (\overline{B} + A) \cdot (B + C), (\overline{B} + A) \cdot (C + B), \overline{B} \cdot C + A \cdot B, \overline{B} \cdot C + B \cdot A, B \cdot A + \overline{B} \cdot C, B \cdot A + C \cdot \overline{B}, (B + C) \cdot (A + \overline{B}), (B + C) \cdot (\overline{B} + A), (C + B) \cdot (A + \overline{B}), (C + B) \cdot (\overline{B} + A), C \cdot \overline{B} + A \cdot B, C \cdot \overline{B} + B \cdot A$

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ID: 2016-284  
Tablica istinitosti: 01110000  
DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C$   
KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} \cdot (B + C), \overline{A} \cdot (C + B), (B + C) \cdot \overline{A}, (C + B) \cdot \overline{A}$

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ID: 2016-285  
Tablica istinitosti: 01000101  
DNF:  $\overline{A} \overline{B} C + A \overline{B} C + A B C$   
KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $(A + \overline{B}) \cdot C, (\overline{B} + A) \cdot C, C \cdot (A + \overline{B}), C \cdot (\overline{B} + A)$

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ID: 2016-286  
Tablica istinitosti: 10101011  
DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + A \overline{B} \overline{C} + A B \overline{C} + A B C$   
KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$   
Pojednostavljeno:  $A \cdot B + \overline{C}, B \cdot A + \overline{C}, \overline{C} + A \cdot B, \overline{C} + B \cdot A$

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ID: 2016-287  
Tablica istinitosti: 00110111  
DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} C + A B \overline{C} + A B C$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$   
Pojednostavljeno:  $A \cdot C + B, B + A \cdot C, B + C \cdot A, C \cdot A + B$

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ID: 2016-288  
Tablica istinitosti: 00001101  
DNF:  $A \overline{B} \overline{C} + A \overline{B} C + A B C$   
KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$   
Pojednostavljeno:  $A \cdot (\overline{B} + C), A \cdot (C + \overline{B}), (\overline{B} + C) \cdot A, (C + \overline{B}) \cdot A$

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ID: 2016-289  
Tablica istinitosti: 10001010  
DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} \overline{C} + A B \overline{C}$   
KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$   
Pojednostavljeno:  $\overline{A} \cdot B + \overline{C}, (A + \overline{B}) \cdot \overline{C}, (\overline{B} + A) \cdot \overline{C}, \overline{B} \cdot \overline{A} + \overline{C}, \overline{C} \cdot (A + \overline{B}), \overline{C} \cdot (\overline{B} + A), \overline{C} + \overline{A} \cdot B, \overline{C} + B \cdot \overline{A}$

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ID: 2016-290  
Tablica istinitosti: 01000101  
DNF:  $\overline{A} \overline{B} C + A \overline{B} C + A B C$   
KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + C) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(A + \overline{B}) \cdot C$ ,  $(\overline{B} + A) \cdot C$ ,  $C \cdot (A + \overline{B})$ ,  $C \cdot (\overline{B} + A)$

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ID: 2016-291

Tablica istinitosti: 11110010

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C + A B \overline{C}$

KNF:  $(\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} + B \cdot \overline{C}$ ,  $\overline{A} + \overline{C} \cdot B$ ,  $\overline{A} \cdot (\overline{B} + C)$ ,  $\overline{A} \cdot (C + \overline{B})$ ,  $(\overline{B} + C) \cdot \overline{A}$ ,  $B \cdot \overline{C} + \overline{A}$ ,  $\overline{C} \cdot B + \overline{A}$ ,  $(C + \overline{B}) \cdot \overline{A}$

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ID: 2016-292

Tablica istinitosti: 01001111

DNF:  $\overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + \overline{B} \cdot C$ ,  $A + C \cdot \overline{B}$ ,  $\overline{B} \cdot C + A$ ,  $C \cdot \overline{B} + A$

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ID: 2016-293

Tablica istinitosti: 00001011

DNF:  $A \overline{B} \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot (B + \overline{C})$ ,  $A \cdot (\overline{C} + B)$ ,  $(B + \overline{C}) \cdot A$ ,  $(\overline{C} + B) \cdot A$

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ID: 2016-294

Tablica istinitosti: 00101111

DNF:  $\overline{A} B \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + \overline{C})$

Pojednostavljeno:  $A + B \cdot \overline{C}$ ,  $A + \overline{C} \cdot B$ ,  $B \cdot \overline{C} + A$ ,  $\overline{C} \cdot B + A$

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ID: 2016-295

Tablica istinitosti: 01110000

DNF:  $\overline{A} \overline{B} C + \overline{A} B \overline{C} + \overline{A} B C$

KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (B + C)$ ,  $\overline{A} \cdot (C + B)$ ,  $(B + C) \cdot \overline{A}$ ,  $(C + B) \cdot \overline{A}$

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ID: 2016-296

Tablica istinitosti: 00010011

DNF:  $\overline{A} B C + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $(A + C) \cdot B$ ,  $B \cdot (A + C)$ ,  $B \cdot (C + A)$ ,  $(C + A) \cdot B$

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ID: 2016-297

Tablica istinitosti: 11011100

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B C + A \overline{B} \overline{C} + A \overline{B} C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot C + \overline{B}$ ,  $(A + \overline{C}) \cdot B$ ,  $\overline{B} + \overline{A} \cdot C$ ,  $\overline{B} + C \cdot \overline{A}$ ,  $\overline{B} \cdot (A + \overline{C})$ ,  $B \cdot (\overline{C} + A)$ ,  $(\overline{C} + A) \cdot \overline{B}$ ,  $C \cdot \overline{A} + \overline{B}$

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ID: 2016-298

Tablica istinitosti: 11010000

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + \overline{A} B C$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$

Pojednostavljeno:  $\overline{A} \cdot (\overline{B} + C)$ ,  $\overline{A} \cdot (C + \overline{B})$ ,  $\overline{A} + B \cdot \overline{C}$ ,  $\overline{A} + \overline{C} \cdot B$ ,  $(\overline{B} + C) \cdot \overline{A}$ ,  $B \cdot \overline{C} + \overline{A}$ ,  $\overline{C} \cdot B + \overline{A}$ ,  $(C + \overline{B}) \cdot \overline{A}$

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ID: 2016-299

Tablica istinitosti: 11001110

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} \overline{B} C + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C}$

KNF:  $(A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C}) \cdot (\overline{A} + \overline{B} + C)$

Pojednostavljeno:  $(\overline{A} + C) \cdot B$ ,  $A \cdot \overline{C} + \overline{B}$ ,  $\overline{B} + A \cdot \overline{C}$ ,  $\overline{B} + \overline{C} \cdot A$ ,  $\overline{B} \cdot (\overline{A} + C)$ ,  $B \cdot (C + \overline{A})$ ,  $\overline{C} \cdot A + \overline{B}$ ,  $(C + \overline{A}) \cdot B$

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ID: 2016-300

Tablica istinitosti: 00001011

DNF:  $A \overline{B} \overline{C} + A B \overline{C} + A B C$

KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$

Pojednostavljeno:  $A \cdot (B + \overline{C})$ ,  $A \cdot (\overline{C} + B)$ ,  $(B + \overline{C}) \cdot A$ ,  $(\overline{C} + B) \cdot A$

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