

## Rješenja za zadatak 2: DNF/KNF

ID: **2019-001**

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: **2019-002**

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: **2019-003**

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: **2019-004**

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: **2019-005**

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

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ID: **2019-006**

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

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ID: **2019-007**

Tablica istinitosti: 00000111

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

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

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

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ID: **2019-008**

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: **2019-009**

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

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**ID: 2019–010**

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: 2019–011**

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

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**ID: 2019–012**

Tablica istinitosti: 00111011

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} \overline{C} + A B \overline{C} + A B C$ KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + \overline{C})$ 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: 2019–013**

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

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**ID: 2019–014**

Tablica istinitosti: 01110011

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C + A B \overline{C} + A B C$ KNF:  $(A + B + C) \cdot (\overline{A} + B + C) \cdot (\overline{A} + B + \overline{C})$ 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: 2019–015**

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

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**ID: 2019–016**

Tablica istinitosti: 01110101

DNF:  $\overline{A} \overline{B} \overline{C} + \overline{A} B \overline{C} + \overline{A} B C + A \overline{B} \overline{C} + A B C$ 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: 2019–017**

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

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**ID: 2019–018**

Tablica istinitosti: 11111000

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

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**ID: 2019–019**

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: 2019–020**

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: 2019–021**

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: 2019–022**

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

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**ID: 2019–023**

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: 2019–024**

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: 2019–025**

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: 2019–026**

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

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**ID: 2019–027**

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: 2019–028**

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: 2019–029**

Tablica istinitosti: 00101010

DNF:  $\overline{A}B\overline{C} + A\overline{B}\overline{C} + AB\overline{C}$ 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: 2019–030**

Tablica istinitosti: 00001011

DNF:  $A\overline{B}\overline{C} + AB\overline{C} + ABC$ KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$ 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: 2019–031**

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: 2019–032**

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: 2019–033**

Tablica istinitosti: 00011011

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

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**ID: 2019–034**

Tablica istinitosti: 11101010

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

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**ID: 2019–035**

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: 2019–036**

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: 2019–037**

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

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**ID: 2019–038**

Tablica istinitosti: 00110111

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

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**ID: 2019–039**

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: 2019–040**

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: 2019–041**

Tablica istinitosti: 00110111

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

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**ID: 2019–042**

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: 2019–043**

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

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**ID: 2019–044**

Tablica istinitosti: 00111011

DNF:  $\overline{A}B\overline{C} + \overline{A}BC + A\overline{B}\overline{C} + AB\overline{C} + ABC$ KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + C)$ 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: 2019–045**

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: 2019–046**

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

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**ID: 2019–047**

Tablica istinitosti: 10001100

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + A\overline{B}C$ 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: 2019–048**

Tablica istinitosti: 00010101

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

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**ID: 2019–049**

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: 2019–050**

Tablica istinitosti: 11110010

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

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**ID: 2019–051**

Tablica istinitosti: 01110011

DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}B\overline{C} + AB\overline{C} + AB\overline{C}$ 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: 2019–052**

Tablica istinitosti: 10101011

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + AB\overline{C} + AB\overline{C}$ 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: 2019–053**

Tablica istinitosti: 10101011

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + AB\overline{C} + AB\overline{C}$ 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: 2019–054**

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

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**ID: 2019–055**

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: 2019–056**

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: 2019–057**

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

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**ID: 2019–058**

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: 2019–059**

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: 2019–060**

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: 2019–061**

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: 2019–062**

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

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**ID: 2019–063**

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: 2019–064**

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: 2019–065**

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

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**ID: 2019–066**

Tablica istinitosti: 01010011

DNF:  $\overline{A}\overline{B}C + \overline{A}BC + AB\overline{C} + ABC$ 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: 2019–067**

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

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**ID: 2019–068**

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: 2019–069**

Tablica istinitosti: 00110111

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

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**ID: 2019–070**

Tablica istinitosti: 00000111

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

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**ID: 2019–071**

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

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**ID: 2019–072**

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: 2019–073**

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: 2019–074**

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: 2019–075**

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

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**ID: 2019–076**

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: 2019–077**

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

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**ID: 2019–078**

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: 2019–079**

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

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**ID: 2019–080**

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

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**ID: 2019–081**

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: 2019–082**

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

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**ID: 2019–083**

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: 2019–084**

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: 2019–085**

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: 2019–086**

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: 2019–087**

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: 2019–088**

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

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**ID: 2019–089**

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: 2019–090**

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: 2019–091**

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: 2019–092**

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: 2019–093**

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

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**ID: 2019–094**

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: 2019–095**

Tablica istinitosti: 11011100

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

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**ID: 2019–096**

Tablica istinitosti: 00110101

DNF:  $\overline{A}B\overline{C} + \overline{A}BC + A\overline{B}C + ABC$ 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: 2019–097**

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: 2019–098**

Tablica istinitosti: 11110010

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

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**ID: 2019–099**

Tablica istinitosti: 00000111

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

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**ID: 2019–100**

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: 2019–101**

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

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**ID: 2019–102**

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: 2019–103**

Tablica istinitosti: 00101010

DNF:  $\overline{A}B\overline{C} + A\overline{B}\overline{C} + AB\overline{C}$ 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: 2019–104**

Tablica istinitosti: 00010011

DNF:  $\overline{A}BC + A\overline{B}\overline{C} + ABC$ 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: 2019–105**

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

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**ID: 2019–106**

Tablica istinitosti: 00001011

DNF:  $A\overline{B}\overline{C} + A\overline{B}C + ABC$ KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (A + \overline{B} + \overline{C}) \cdot (\overline{A} + B + \overline{C})$ 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: 2019–107**

Tablica istinitosti: 00011011

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

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**ID: 2019–108**

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: 2019–109**

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: 2019–110**

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: 2019–111**

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: 2019–112**

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

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**ID: 2019–113**

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: 2019–114**

Tablica istinitosti: 00011101

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

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**ID: 2019–115**

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: 2019–116**

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: 2019–117**

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: 2019–118**

Tablica istinitosti: 00011101

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

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**ID: 2019–119**

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: 2019–120**

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

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**ID: 2019–121**

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: 2019–122**

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

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**ID: 2019–123**

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: 2019–124**

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

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**ID: 2019–125**

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: 2019–126**

Tablica istinitosti: 00011101

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

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**ID: 2019–127**

Tablica istinitosti: 01010011

DNF:  $\overline{A}\overline{B}C + \overline{A}BC + AB\overline{C} + ABC$ 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: 2019–128**

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

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**ID: 2019–129**

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

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**ID: 2019–130**

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: 2019–131**

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: 2019–132**

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: 2019–133**

Tablica istinitosti: 00011011

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

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**ID: 2019–134**

Tablica istinitosti: 01010011

DNF:  $\overline{A}\overline{B}C + \overline{A}BC + AB\overline{C} + ABC$ 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: 2019–135**

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

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**ID: 2019–136**

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: 2019–137**

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: 2019–138**

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: 2019–139**

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: 2019–140**

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

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**ID: 2019–141**

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

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**ID: 2019–142**

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

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**ID: 2019–143**

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

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**ID: 2019–144**

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: 2019–145**

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: 2019–146**

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: 2019–147**

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

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**ID: 2019–148**

Tablica istinitosti: 00010011

DNF:  $\overline{A}B\overline{C} + AB\overline{C} + ABC$ 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: 2019–149**

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

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**ID: 2019–150**

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: 2019–151**

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: 2019–152**

Tablica istinitosti: 00000111

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

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**ID: 2019–153**

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: 2019–154**

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: 2019–155**

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: 2019–156**

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

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**ID: 2019–157**

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: 2019–158**

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: 2019–159**

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: 2019–160**

Tablica istinitosti: 10001010

DNF:  $\overline{A}\overline{B}\overline{C} + A\overline{B}\overline{C} + AB\overline{C}$ 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: 2019–161**

Tablica istinitosti: 00000111

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

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**ID: 2019–162**

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: 2019–163**

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: 2019–164**

Tablica istinitosti: 01010001

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}B\overline{C} + A\overline{B}C$ 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: 2019–165**

Tablica istinitosti: 00110111

DNF:  $\overline{A}B\overline{C} + \overline{A}B\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C$ 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: 2019–166**

Tablica istinitosti: 11111000

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}B\overline{C} + A\overline{B}\overline{C}$ KNF:  $(\overline{A} + B + \overline{C}) \cdot (\overline{A} + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$ 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: 2019–167**

Tablica istinitosti: 01000111

DNF:  $\overline{A}\overline{B}C + A\overline{B}C + A\overline{B}C + A\overline{B}C$ 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: 2019–168**

Tablica istinitosti: 00101010

DNF:  $\overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}\overline{C}$ 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: 2019–169**

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: 2019–170**

Tablica istinitosti: 00011111

DNF:  $\overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + A\overline{B}C + A\overline{B}C$ 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: 2019–171**

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

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**ID: 2019–172**

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: 2019–173**

Tablica istinitosti: 00111011

DNF:  $\overline{A} B \overline{C} + \overline{A} B C + A \overline{B} \overline{C} + A B \overline{C} + A B C$ KNF:  $(A + B + C) \cdot (A + B + \overline{C}) \cdot (\overline{A} + B + \overline{C})$ 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: 2019–174**

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: 2019–175**

Tablica istinitosti: 10001111

DNF:  $\overline{A} \overline{B} \overline{C} + A \overline{B} \overline{C} + A \overline{B} C + A B \overline{C} + A B C$ KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$ 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: 2019–176**

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: 2019–177**

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: 2019–178**

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: 2019–179**

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: 2019–180**

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: 2019–181**

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

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**ID: 2019–182**

Tablica istinitosti: 11110010

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

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**ID: 2019–183**

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: 2019–184**

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: 2019–185**

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: 2019–186**

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: 2019–187**

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: 2019–188**

Tablica istinitosti: 11110100

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

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**ID: 2019–189**

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

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**ID: 2019–190**

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

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**ID: 2019–191**

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: 2019–192**

Tablica istinitosti: 00101010

DNF:  $\overline{A}B\overline{C} + A\overline{B}\overline{C} + AB\overline{C}$ 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: 2019–193**

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

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**ID: 2019–194**

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: 2019–195**

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

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**ID: 2019–196**

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: 2019–197**

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

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**ID: 2019–198**

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: 2019–199**

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: 2019–200**

Tablica istinitosti: 00101111

DNF:  $\overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + A\overline{B}\overline{C} + ABC$ 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: 2019–201**

Tablica istinitosti: 10001010

DNF:  $\overline{A}\overline{B}\overline{C} + A\overline{B}\overline{C} + AB\overline{C}$ 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: 2019–202**

Tablica istinitosti: 00000111

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

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**ID: 2019–203**

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: 2019–204**

Tablica istinitosti: 11110100

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

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**ID: 2019–205**

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

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**ID: 2019–206**

Tablica istinitosti: 01110101

DNF:  $\overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC + A\overline{B}\overline{C} + ABC$ 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: 2019–207**

Tablica istinitosti: 11110100

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

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**ID: 2019–208**

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: 2019–209**

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

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**ID: 2019–210**

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: 2019–211**

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

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**ID: 2019–212**

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

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**ID: 2019–213**

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: 2019–214**

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

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**ID: 2019–215**

Tablica istinitosti: 00011111

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

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**ID: 2019–216**

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

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**ID: 2019–217**

Tablica istinitosti: 10001111

DNF:  $\overline{A}\overline{B}\overline{C} + A\overline{B}\overline{C} + A\overline{B}C + AB\overline{C} + ABC$ KNF:  $(A + B + \overline{C}) \cdot (A + \overline{B} + C) \cdot (\overline{A} + \overline{B} + \overline{C})$ 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: 2019–218**

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: 2019–219**

Tablica istinitosti: 11010000

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

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**ID: 2019–220**

Tablica istinitosti: 10001010

DNF:  $\overline{A}\overline{B}\overline{C} + A\overline{B}\overline{C} + AB\overline{C}$ 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: 2019–221**

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: 2019–222**

Tablica istinitosti: 00011111

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

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**ID: 2019–223**

Tablica istinitosti: 00001110

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

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**ID: 2019–224**

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

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**ID: 2019–225**

Tablica istinitosti: 00011011

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

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**ID: 2019–226**

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

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**ID: 2019–227**

Tablica istinitosti: 01000111

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + \overline{A}BC$ 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: 2019–228**

Tablica istinitosti: 01010001

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}BC$ 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: 2019–229**

Tablica istinitosti: 11110100

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

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**ID: 2019–230**

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

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**ID: 2019–231**

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

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**ID: 2019–232**

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

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**ID: 2019–233**

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

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**ID: 2019–234**

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

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**ID: 2019–235**

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

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**ID: 2019–236**

Tablica istinitosti: 00010101

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

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**ID: 2019–237**

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: 2019–238**

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: 2019–239**

Tablica istinitosti: 00101010

DNF:  $\overline{A}B\overline{C} + A\overline{B}\overline{C} + A\overline{B}C$ 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: 2019–240**

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

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**ID: 2019–241**

Tablica istinitosti: 00010011

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

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**ID: 2019–242**

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: 2019–243**

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

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**ID: 2019–244**

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

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**ID: 2019–245**

Tablica istinitosti: 11010101

DNF:  $\overline{A}\overline{B}\overline{C} + \overline{A}\overline{B}C + \overline{A}B\overline{C} + A\overline{B}C + AB\overline{C}$ 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: 2019–246**

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: 2019–247**

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

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**ID: 2019–248**

Tablica istinitosti: 11001101

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

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**ID: 2019–249**

Tablica istinitosti: 00000111

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

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**ID: 2019–250**

Tablica istinitosti: 11110100

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

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