Informatika

Ime i prezime: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ razred: 1. \_ 21. 12. 2016. Grupa B

1. Rješenja slijedećih izraz upiši u tablicu

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A | B | C | X | Y |
| 0 | 0 | 0 |  |  |
| 0 | 0 | 1 |  |  |
| 0 | 1 | 0 |  |  |
| 0 | 1 | 1 |  |  |
| 1 | 0 | 0 |  |  |
| 1 | 0 | 1 |  |  |
| 1 | 1 | 0 |  |  |
| 1 | 1 | 1 |  |  |

1. Iz tablice pročitaj izraz i minimiziraj ga

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A | B | C | X | Y |
| 0 | 0 | 0 | 1 | 1 |
| 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 |
| 1 | 0 | 1 | 0 | 0 |
| 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 | 0 |

1. Pojednostavnite logički izraz tako da ga napišete s najmanjim mogućim brojem logičkih operacija.