Oppg 1

Forklaring:

|  |  |
| --- | --- |
| Uttrykk | Binære Tallsystem |
| 34 + 32 |  |
| 34 - 32 |  |
| 34 + -32 |  |
| 34 - -32 |  |

Flyttall:

Oppg 2

|  |  |  |  |
| --- | --- | --- | --- |
| Deloppg | Digital krets | Boolsk uttrykk | Sannhetstabell |
| a) |  | ?? | ?? |
| c) & d) |  | **A + B + C = F**  **(A + B) + C = F**  **A + (B + C) = F** | |  |  |  |  | | --- | --- | --- | --- | | A | B | C | F | | 0 | 0 | 0 | 0 | | 1 | 0 | 0 | 1 | | 0 | 1 | 0 | 1 | | 0 | 0 | 1 | 1 | | 1 | 1 | 0 | 1 | | 1 | 0 | 1 | 1 | | 0 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | |
| e) & f) |  | **A \* B \* C = F**  **(A \* B) \* C = F**  **A \* (B \* C) = F** | |  |  |  |  | | --- | --- | --- | --- | | A | B | C | F | | 0 | 0 | 0 | 0 | | 1 | 0 | 0 | 0 | | 0 | 1 | 0 | 0 | | 0 | 0 | 1 | 0 | | 1 | 1 | 0 | 0 | | 1 | 0 | 1 | 0 | | 0 | 1 | 1 | 0 | | 1 | 1 | 1 | 1 | |
| g) & b) |  | **A + B = F** | |  |  |  | | --- | --- | --- | | A | B | F | | 0 | 0 | 0 | | 1 | 0 | 1 | | 0 | 1 | 1 | | 1 | 1 | 1 | |
| h) |  | ?? | ?? |

i) ??

Oppg 3

??

Oppg 4

