2)F =(a⋅b)+(∼b+∼a)⋅b

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| a | b | ∼b | ∼a | a⋅b | (∼b+∼a) | (a⋅b) +(∼b+∼a) | (a⋅b) +(∼b+∼a)⋅b |
| 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 |
| 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |

3) Finalmente les propongo crear una función lógica que solamente de por resultado 1 cuando a=1 y b=0.

|  |  |  |
| --- | --- | --- |
| a | b | a+b |
| 1 | 0 | 1 |