

Microcomputadoras

Algebra de Boole

M.C.C. Eduardo Genner Escalante Cruz

Guiándote de las tablas de verdad resuelve la tabla del final.

Tablas de verdad:

| x | y | x+y |
|---|---|-----|
| F | F | F |
| F | V | V |
| V | F | V |
| V | V | V |

| x | y | x y |
|---|---|-----|
| F | F | F |
| F | V | F |
| V | F | F |
| V | V | V |

| x | y |
|---|---|
| F | V |
| V | F |

\underline{A} = A negado

* = and

+ = or

Tarea

| A | B | \underline{A} | $\underline{A+B}$ | (A+B) | (A+B)+A | (A*A) | \underline{B} | B*B | $\underline{(B*B)}$ |
|---|---|-----------------|-------------------|-------|---------|-------|-----------------|-----|---------------------|
| 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 |
| 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |