**TAREA: Escribir las ecuaciones lógicas completas y posteriormente las reducidas de mediante los mapas de Karnaugh:**

**L**

|  |  |  |
| --- | --- | --- |
|  | $$\overbar{C}$$ | $$C$$ |
| $$\overbar{A}\overbar{B}$$ | **1** | **0** |
| $$\overbar{A}B$$ | **0** | **1** |
| $$AB$$ | **1** | **1** |
| $$A\overbar{B}$$ | **0** | **0** |

**Y**

|  |  |  |
| --- | --- | --- |
|  | $$\overbar{C}$$ | $$C$$ |
| $$\overbar{A}\overbar{B}$$ | **1** | **1** |
| $$\overbar{A}B$$ | **1** | **0** |
| $$AB$$ | **0** | **1** |
| $$A\overbar{B}$$ | **1** | **1** |

**M**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | $$\overbar{C}\overbar{D}$$ | $$\overbar{C}D$$ | $$CD$$ | $$C\overbar{D}$$ |
| $$\overbar{A}\overbar{B}$$ | **1** | **1** | **0** | **0** |
| $$\overbar{A}B$$ | **1** | **1** | **1** | **1** |
| $$AB$$ | **0** | **0** | **0** | **0** |
| $$A\overbar{B}$$ | **0** | **1** | **1** | **0** |

**N**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | $$\overbar{C}\overbar{D}$$ | $$\overbar{C}D$$ | $$CD$$ | $$C\overbar{D}$$ |
| $$\overbar{A}\overbar{B}$$ | **1** | **0** | **0** | **1** |
| $$\overbar{A}B$$ | **1** | **1** | **0** | **1** |
| $$AB$$ | **1** | **1** | **0** | **1** |
| $$A\overbar{B}$$ | **X** | **0** | **1** | **1** |