Y=A+B\*C

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **A** | **B** | **C** | **B\*C** | A+B\*C | Y |
| **0** | **0** | **0** | **0** | 0 | 1 |
| **0** | **0** | **1** | **0** | 0 | 1 |
| **0** | **1** | **0** | **0** | 0 | 1 |
| **0** | **1** | **1** | **1** | 1 | 0 |
| **1** | **0** | **0** | **0** | 1 | 0 |
| **1** | **0** | **1** | **0** | 1 | 0 |
| **1** | **1** | **0** | **0** | 1 | 0 |
| **1** | **1** | **1** | **1** | 1 | 0 |

A

B

C



**Y=A\*B + B**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A** | **B** | **A\*B** | **B** | **Y** |
| **0** | **0** | **1** | **1** | **1** |
|  **0** | **1** | **0** | **0** | **0** |
| **1** | **0** | **0** | **1** | **1** |
| **1** | **1** | **0** | **0** | **0** |





|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A** | **B** | **C** | A\*B | Y |
| **0** | **0** | **0** | **0** | 1 |
| **0** | **0** | **1** | **0** | 0 |
| **0** | **1** | **0** | **0** | 1 |
| **0** | **1** | **1** | **0** | 0 |
| **1** | **0** | **0** | **1** | 0 |
| **1** | **0** | **1** | **1** | 0 |
| **1** | **1** | **0** | **0** | 1 |
| **1** | **1** | **1** | **0** | 0 |