$$A˅Bᴧ\overbar{C}$$

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| $$A$$ | $$B$$ | $$C$$ | $$\overbar{C}$$ | $$Bᴧ\overbar{C}$$ | $$A˅Bᴧ\overbar{C}$$ |
| 0 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 | 0 |
| 0 | 1 | 0 | 1 | 1 | 1 |
| 1 | 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 0 | 0 | 1 |
| 1 | 1 | 0 | 1 | 1 | 1 |
| 1 | 1 | 1 | 0 | 0 | 1 |

$$\overbar{AᴧB}˅BᴧC$$

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| $$A$$ | $$B$$ | $$C$$ | $$AᴧB$$ | $$\overbar{AᴧB}$$ | $$BᴧC$$ |  $\overbar{AᴧB}˅BᴧC$ |
| 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 | 1 | 1 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 |

$$A˅\overbar{B}˅\overbar{C}$$

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