1.

2.

|  |  |  |
| --- | --- | --- |
| C A | 0 | 1 |
| 0 | 1 | 1 |
| 1 |  | 1 |

3.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CD  AB | 00 | 01 | 11 | 10 |
| 00 | 1 |  | 1 | 1 |
| 01 |  | 1 | 1 |  |
| 11 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 |

4.

(1)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CD  AB | 00 | 01 | 11 | 10 |
| 00 | 1 | 1 |  | 1 |
| 01 |  | 1 | 1 |  |
| 11 |  |  | 1 |  |
| 10 | 1 | 1 |  | 1 |

(2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CD  AB | 00 | 01 | 11 | 10 |
| 00 |  |  |  |  |
| 01 | 1 | 1 |  | 1 |
| 11 | 1 |  |  | 1 |
| 10 |  |  |  |  |