A = 14

B = 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 8 | 4 | 2 | 1 |
| 14 | 1 | 1 | 1 | 0 |
| 4 | 0 | 1 | 0 | 0 |
| AND – (4) | 0 | 1 | 0 | 0 |

A = 12

B = 8

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 8 | 4 | 2 | 1 |
| 12 | 1 | 1 | 0 | 0 |
| 8 | 1 | 0 | 0 | 0 |
| OR – (12) | 1 | 1 | 0 | 0 |

A = 10

B = 6

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 8 | 4 | 2 | 1 |
| 10 | 1 | 0 | 1 | 0 |
| 6 | 0 | 1 | 1 | 0 |
| XOR – (12) | 1 | 1 | 0 | 0 |