-1 0000 0 0 0000 -1

0 0001 1 1 0001 0

1 0010 2 2 0010 1

2 0100 4 3 0011 4

3 1000 8 4 0100 2

4 0011 3 5 0101 8

5 0110 6 6 0110 5

6 1100 12 7 0111 10

7 1011 11 8 1000 3

8 0101 5 9 1001 14

9 1010 10 10 1010 9

10 0111 7 11 1011 7

11 1110 14 12 1100 6

12 1111 15 13 1101 13

13 1101 13 14 1110 11

14 1001 9 15 1111 12

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| -1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 0 | -1 | 4 | 8 | 14 | 1 | 10 | 13 | 9 | 2 | 7 | 5 | 12 | 11 | 6 | 3 |
| 1 | 4 | -1 | 5 | 9 | 0 | 2 | 11 | 14 | 10 | 3 | 8 | 6 | 13 | 12 | 7 |
| 2 | 8 | 5 | -1 | 6 | 10 | 1 | 3 | 12 | 0 | 11 | 4 | 9 | 7 | 14 | 13 |
| 3 | 14 | 9 | 6 | -1 | 7 | 11 | 2 | 4 | 13 | 1 | 12 | 5 | 10 | 8 | 0 |
| 4 | 1 | 0 | 10 | 7 | -1 | 8 | 12 | 3 | 5 | 14 | 2 | 13 | 6 | 11 | 9 |
| 5 | 10 | 2 | 1 | 11 | 8 | -1 | 9 | 13 | 4 | 6 | 0 | 3 | 14 | 7 | 12 |
| 6 | 13 | 11 | 3 | 2 | 12 | 9 | -1 | 10 | 14 | 5 | 7 | 1 | 4 | 0 | 8 |
| 7 | 9 | 14 | 12 | 4 | 3 | 13 | 10 | -1 | 11 | 0 | 6 | 8 | 2 | 5 | 1 |
| 8 | 2 | 10 | 0 | 13 | 5 | 4 | 14 | 11 | -1 | 12 | 1 | 7 | 9 | 3 | 6 |
| 9 | 7 | 3 | 11 | 1 | 14 | 6 | 5 | 0 | 12 | -1 | 13 | 2 | 8 | 10 | 4 |
| 10 | 5 | 8 | 4 | 12 | 2 | 0 | 7 | 6 | 1 | 13 | -1 | 14 | 3 | 9 | 11 |
| 11 | 12 | 6 | 9 | 5 | 13 | 3 | 1 | 8 | 7 | 2 | 14 | -1 | 0 | 4 | 10 |
| 12 | 11 | 13 | 7 | 10 | 6 | 14 | 4 | 2 | 9 | 8 | 3 | 0 | -1 | 1 | 5 |
| 13 | 6 | 12 | 14 | 8 | 11 | 7 | 0 | 5 | 3 | 10 | 9 | 4 | 1 | -1 | 2 |
| 14 | 3 | 7 | 13 | 0 | 9 | 12 | 8 | 1 | 6 | 4 | 11 | 10 | 5 | 2 | -1 |