

* Counting Bits

0 → 0

1 → 1 → 1

2 → 10 → 2

3 → 11 → 2

4 → 100 → 3

5 → 101 → 3

6 → 110 → 3

7 → 111 → 4

8 → 1000 → 4

9 → 1001 → 4

10 → 1010 → 4

11 → 1011 → 4

12 → 1100 → 4

13 → 1101 → 4

14 → 1110 → 4

15 → 1111 → 5

16 → 10000 → 5

17 → 10001 → 5

18 → 10010 → 4

19 → 10011 → 4

20 → 10100 → 4

21 → 10101 → 4

22 → 10110 → 4

23 → 10111 → 5

24 → 11000 → 4

25 → 11001 → 5

26 → 11010 → 5

27 → 11011 → 5

28 → 11100 → 5

29 → 11101 → 5

30 → 11110 → 5

31 → 11111 → 6

Atlas