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1 = 1111111111,1101111111,1111110111,1111101011
2 = 1111111111,1101111111,1111010111,1111101011
3 = 1111111111,1101011111,1111011101,1111010111
4 = 1110111111,1101111101,1110110111,1111110101
5 = 1101111111,1110110111,1111011101,1111100111
6 = 1101111111,1101111011,1111101101,1111010011
7 = 1101111111,1111101101,1101111001,1111010011
8 = 1101111111,1111101101,1101111001,1111010011
9 = 1101111111,1111001011,1110101100,1110011001
A = 1101111111,1111101011,1110010001,1111010110
B = 1101111011,1111001011,1110111001,1110101001
C = 1111011111,1110111001,1110101011,1110100010
D = 1111011111,1110111011,1110100010,1111010100
E = 1101110111,1111101101,1110110000,1111000101
F = 1101110111,1110001110,1110110100,1111010001
G = 1111011111,1110110100,1111010011,1110100100
H = 1101111011,1111010110,1110110010,1111001011
I = 1101111011,1111101101,1101001011,1111010001
J = 1101101111,1111011100,1110101001,1111000101
K = 1101111011,1111010110,1110110010,1110100001
L = 1101110111,1110001110,1110110100,1111000100
M = 1101111011,1111010011,1100111010,1110100010
N = 1101111011,1111010110,1110110010,1111000101
O = 1110111011,1111101101,1110100100,1111010010
P = 1111010111,1110111100,1110110001,1110100100
Q = 1110101111,1110110001,1111000110,1110100100
R = 1110110111,1111010011,1110011010,1111001000
S = 1110101111,1111001101,1110101000,1111010010
T = 1110110111,1111010011,1111001101,1111001000

U = 1111011011,1101110001,1110100100,1111010100
V = 1101111011,1111010110,1110110010,1111100010
W = 1101110111,1111001010,1110101100,1110110000
X = 1110101111,1111001101,1110101000,1111001000
Y = 1110110111,1101111101,1111001101,1110110100
Z = 1110110111,1110110001,1111000110,1111001000
a = 1110111011,1101110001,1110100100,1111010010
b = 1110111011,1110010100,1110110000,1111100010
c = 1110110111,1111000100,1111000101,1111010001
d = 1110110111,1111001000,1111000101,1111010001
e = 1110110111,1111001101,1111010100,1111001000
f = 1110110111,1111010010,1111010100,1111000100
g = 1110110111,1111010010,1111010100,1111000100
h = 1110111011,1110010100,1110110001,1111000100
i = 1110111011,1110001010,1110110001,1111000100
j = 1101101011,1110011000,1111010001,1110101000
k = 1110110111,1111001010,1110010100,1111000100
l = 1110101111,1111001101,1111010100,1111001000
m = 1111011011,1101110001,1110100100,1111010010
n = 1101101011,1110011000,1111010010,1111001000
o = 1110101011,1111010001,1110110000,1111000100
p = 1110101111,1101111010,1110110011,1111000101
q = 1110110111,1111001010,1110101000,1111000100
r = 1111011011,1101100010,1110010100,1111010010
s = 1101110101,1110001010,1111001000,1111001000
t = 1101101011,1110011000,1111010000,1111001000
u = 1110110101,1110010010,1110101000,1111001000
v = 1110111011,1101110001,1110100100,1111001000
w = 1110111011,1111001010,1110101000,1111000100
x = 1110111111,1111101011,1111010010,1111000100

y = 1111011111,1110111011,1110100101,1111011000
z = 1110110111,1110110001,1111000110,1111001000
10 = 1110111011,1101110001,1110100100,1111010010
11 = 1110110111,1110110001,1110100101,1111001000
12 = 1110110111,1111001010,1110110100,1111000100
13 = 1110110111,1110010100,1111101100,1111000100
14 = 1110110111,1110010100,1111101100,1111000100
15 = 1110110111,1110100110,1111011000,1111001000
16 = 1110111111,1111101011,1111010010,1111010010
17 = 1110110111,1111001010,1110110100,1111000100
18 = 1101110111,1111100101,1110111001,1110110100
19 = 1111011111,1110111011,1111010011,1111010010
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1B = 1110110111,1111001010,1110101000,1111010100
1C = 1101110111,1111100101,1110111001,1110110100
1D = 1110110111,1111001010,1110101000,1111000100
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1H = 1111011011,1101001010,1111010010,1110101000
1I = 1111011011,1101100010,1110100100,1111010100
1J = 1110110111,1110110001,1111000110,1110100100
1K = 1101110101,1110100101,1111001000,1111010000
1L = 1110101011,1101010010,1110100011,1111001000
1M = 1111011011,1101100010,1110100100,1111010000
1N = 1101101011,1110011000,1111010001,1111001000
1O = 1110101101,1110110001,1110100101,1111001000
1P = 1101101011,1110011000,1111000010,1111001000
1Q = 1101101011,1110001010,1110110100,1111001000

1R = 1110110111,1110101100,1111001000,1111000100
1S = 1111011011,1101110001,1111010010,1111010010
1T = 1110110111,1111001101,1111010001,1110100100
1U = 1111011011,1110100001,1111011000,1111000100
1V = 1110110111,1111001101,1111010001,1111001000
1W = 1110110101,1101101000,1111011,1111000100
1X = 1101110111,1101110010,1111000101,1111001000
1Y = 1110110101,1111011000,1111010001,1111010001
1Z = 1110110101,1110100100,1111011000,1111000100
1a = 1110101101,1110100100,1111000100,1111010001
1b = 1101110101,1110100101,1111001000,1111001001
1c = 1101110101,1110011000,1111100001,1111001000
1d = 1110101101,1101100100,1111001000,1111001000
1e = 1101110101,1110100101,1111001000,1111001000
1f = 1111011011,1111010100,1110100101,1111010100
1g = 1110110111,1111101001,1110100101,1111001000
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1i = 1111011111,1110111000,1111010011,1111010000
1j = 1111010111,1110111101,1110110010,1110100000
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1l = 1110111111,1111101011,1111010001,1111010100
1m = 1110110111,1111101010,1111001000,1111010000
1n = 1110110111,1111001010,1110101000,1111001000
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1p = 1111010111,1110111101,1110011101,1111001001
1q = 1101111011,1101110100,1111000101,1110100010
1r = 1101111011,1111010011,1110011101,1110100110
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