

0 = 1111111111111111,1111101111111111
1 = 1101111111111111,11111101111011111
2 = 1111101111111111,11111111110110111
3 = 1111011111111111,11111111011011111
4 = 1111111111111111,11111011110111111
5 = 1110110111111111,111111111011010111
6 = 1111111111111111,11111101111111111
7 = 1111011111111111,111111110101101111
8 = 1111111111111111,11111110111111111
9 = 1110110111111111,11111111010110111
A = 1110111011111111,1111110111001011111
B = 1110110111111111,111111111010110111
C = 111011011111011111,11111011110011010111
D = 1110110111111111,11111010111001101111
E = 111011011110111111,11111100111011001111
F = 1110111101111111,111111011110110111
G = 1110111101111111,1111111001101101111
H = 111011111101101111,11111101001110101111
I = 111101110111111111,11111110010110010111
J = 1111011101110111111,1111110100110010110111
K = 111101110111111111,11111100101101001111
L = 111011111101111111,1111110100111101111
M = 111101110101111111,11111101101110010111
N = 1110110111101111111,1111110111010011001111
O = 11101111111011011111,1111110100111011111
P = 1111011101101111111,11111101000100101101111
Q = 11101101111101111111,111111011100110101111
R = 11101101111110111111,11111111010011110111

S = 11110111011101111111,111111000101001011011111
T = 111101110101101111111,1111110100110001010011111
U = 111010110110011111111,1111111001000101010011111
V = 111101110101101111111,11111010100100011001011111
W = 111101011101101111111,111110101001100010001011111
X = 111101111011101111111,1111101010010011000111111
Y = 111101101110101111111,11111011000110000101011111
Z = 11111101111011111111,1111110010100010100111111
a = 111110101101110111111,111110101000110001001011111
b = 111110101101110111111,111110110000100100101011111
c = 111101110101011011111,111111010010000100011011111
d = 111110101101110111111,1111101010000100100011101111
e = 111110011011010111111,1111110001000110000101011111
f = 111100110110101111111,1111110010000110001001011111
g = 1111011011101110111111,11111010011000101001011111
h = 111110101101110111111,111110100110000100101011111
i = 111110101101110111111,1111011100010001001001011111
j = 111101110111101111111,111110110100011001011111
k = 111101101110101111111,11111010010001100101011111
l = 1111011001110101111111,1111101000100011000010110111
m = 11111001101101010111111,111110110000100010000101011111
n = 11111001101011010111111,1111100110001000010000101011111
o = 1110111011010110111111,1111110001010001000101101111
p = 11110101101100111011111,111110101000100100100001110111
q = 1111011101101110111111,11110110100100101000111111
r = 11110101110011011011111,1111100100101000110001011111
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u = 11110101110011011011111,11111010000110001000110101111
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w = 11110101110011011011111,11110110000110010000101011111
x = 11111001101011010111111,111110110001000010000101011111
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z = 111101101110111011111,1111110010100011010011111
10 = 11110110011100101011111,11111010100000011000001001101111
11 = 11110011101010110111111,1111100010000100011001001011111
12 = 11111001101011010111111,11110011010001000100001001011111
13 = 11110101011011001111111,11111010110001000100000100011111
14 = 111101011100110010111111,111110101000010000100010011111
15 = 111101010110110011011111,111100101100001001000000101110111
16 = 1111011101101110111111,1111100100101001101011111
17 = 11110101101101110111111,111110100011000101010011111
18 = 11110110101110110111111,111110010010001100101011111
19 = 11110101110110110111111,1111011000110010000101011111
1A = 111110010101101100111111,11111010100010000100001001011111
1B = 111101001110110010111111,11111010100001000010000110011111
1C = 11110101011011001111111,111110101100010000000001001101111
1D = 1111001101010110011011111,11110101001000010001000001011001111
1E = 1111001101010110011011111,11110101001000010001000001001101111
1F = 1110110011101001010111111,1111110001000010010000010100011111
1G = 11110110111011101111111,111110011100101001011111
1H = 11110111011011101111111,1111100101001101010011111
1I = 1111011101111011111111,1111010110100110001011111
1J = 111101011100110110111111,111101100001100100001010101111
1K = 11110110111011101111111,11111001010001101001011111
1L = 11110110111011101111111,11110110001010011010011111

1M = 111011011011110111111,11111100101010100110011111
1N = 111101010110011011011111,1111100100100001001010001110111
1O = 111100110111010110111111,1111101010000100100100011001111
1P = 111100110111010110111111,11110101010000100100100011001111
1Q = 11110111011011101111111,111101110100100101001011111
1R = 111101110111011111111,111111000011001011011111
1S = 1111011101110101111111,111110100100011001101011111
1T = 1110110111111110111111,11111110100101110111
1U = 1111101011011101111111,1111101010100100100011001111
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1X = 11110110011110101111111,11110110010001011000010101111
1Y = 11101011111110110111111,1111101101000111101111
1Z = 111101011001101110111111,11110101100100010100001101111
1a = 111101011100110110111111,11111001010011000100010110111
1b = 111010110110111001111111,11110101000110001010010011111
1c = 11101101101011101111111,1111111000111000100101011011
1d = 11110101110111010111111,11110110011000101001011111
1e = 11110110111011101111111,101101101010001100001111111
1f = 11110110111011101111111,1111101010100110000111111
1g = 111101110111011111111,111111000101001011011101
1h = 111011011010101110111111,111101011000100011001011111
1i = 111101110111111111111,111111101011011001111
1j = 111101111111011111111,11111111010011101111
1k = 11110110111011101111111,110110110101000110000111111
1l = 111011011010111001111111,11111010001100010010010101111
1m = 111101100110101011011111,111101010100001100001001101111
1n = 1110110111101111111111,111110111010110001111