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1 = 111111111111,111011111111,111111101111,11111011110111
2 = 111111111111,111011111111,111111011110111,11111101011111
3 = 111111111111,11101111101111,111110101111111,11111101101111
4 = 110111111111,11110111110111,11111011011111,11111101111011
5 = 111011111111,11011111110111,11111101011111,1111101110011111
6 = 110111111111,11111101101111,1111101011110111,1111101101110111
7 = 111011111111,1111101101110111,1111110011110111,1111110100111111
8 = 11011111110111,1111001111011111,1111101001111111,1111101110111011
9 = 11011111110111,1111001111011111,11111101011111011,11110111011001011111
A = 11110111011111,1110111111011011,1111101001110101111,11110111100011101111
B = 11110111011111,1110111111011011,11111011100011101111,11110100101101011111
C = 11101110111111,1111101111011011,11110100110111010111,111101110100011101111
D = 11110111011111,1110111111011011,11111010010110101111,11110111100011101011
E = 11101111101111,11111010011110111,1110111101100010111,111110001010011101111
F = 11111011011111,1110111111011011,111110101100001110111,1111101100011010101111
G = 11101111101111,11111101001110111,1111010001101101111,1111011101001000101111
H = 11101110111111,1111110111011011,111110100101110010111,11110111000011101111
I = 11101111110111,11111100101110111,1111011100110101111,111110110001010001101111
J = 1110110111101111,1111101110010110111,111101001110110111,1111101001110001000101111
K = 1111011011101111,11110111001111010111,111101011100100101111,111101000010110011101111
L = 1111011101101111,111101111001010010111,1111010001001101101111,111110001011010001011001111
M = 111101111011101111,1111101111001010010111,11110100010011011001111,111110001011010001011001111

N = 1111011101101111,1111100111001011010111,11111010001011000110111,1111100010100100010011111
O = 11101111111111,1111101111101111,1111111011111011,11111111001101111
P = 1111011101111111,111011111101011011,111101101001111001111,111110100110010011101111
Q = 1111011011011111,11101110011110101011,11110100111101001001111,11111010100000100111101111
R = 1111011101101111,11101000101101101011,1111011110000100101111,1111010100101001000110011111
S = 1111011101101111,11110111100101001011,1111010001001101010111,111110001011010001011001111
T = 1111011011011111,1111010110011100101011,11111010010100011101111,11111100000100100010010101111
U = 1111011101101111,111110011100101101011,11111010001011100110111,111110010100100010100011111
V = 1111011011101111,11110110010111011011,111101011100101001111,11111011000100010010101111
W = 1111011101110111,111101011100101001111,111101100101110110011,1111011000100010010101111
X = 1111011011101111,11110111001110101011,111101011100100101111,1111011001000100011101111
Y = 1111011011101111,1111011100011101001011,11111010110100001110111,11111100100100010001010011111
Z = 1111011011101111,11111001110001001010111,111101010001111001001011,111110100100100010001010011111
a = 1111011011101111,11110010111001010010111,111101110001010011001011,1111110000100100010001010011111
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i = 11101101111101111,11111101110010110111,111101001001110110111,1111101001111001000101111
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k = 1111011101101111,111101011001010011001111,11110110001010011010110111,111110001100010010001001011111
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m = 11111011101111111,1111011111110100111,111011111100011101011,111110100101101011111
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o = 111101111011101111,1111100110010011010111,11111010001011010001100111,11111001010010000100010001011111
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u = 11011111111010111,1111101011011110111,1111011100001110110111,11111001101110011001111
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w = 11101111111101111,11111101001111110111,111110011101011010111,11101101101011001101111
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y = 1111101110111111,111011111111011011,11110110100101111001111,11111100111100010101111
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11 = 111101111011101111,111101111100011000111011,111101000101101011011011,111110001001010010001001101111
12 = 11101111011111111,1111111011101011011,1111101001110110010111,1101110101100001110101111
13 = 111101111011101111,1110101011001011010111,111110101100100110001010111,11111000100011000100010011111
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15 = 111101111011101111,1110011001011100110111,11111010111000101101011,111111000010100100010010011111
16 = 111101110111011111,11111101001100101100111,1111100110100101001000100111,11101010011000100010100101001111

17 = 11110110111011101111,111100100111100110101111,11111011100010100101111,11111010100100010011000011111
18 = 110111111110111111,11111001101111111011,1111111010111001111,11110101111001011111
19 = 11110110111011101111,111100100111100110101111,11111011100010100101111,11111010100100010011001011111
1A = 11110111011011101111,1111010010110101100011111,1110101110100000101101011,111110010100010001000100010101111
1B = 111101111011101111,111101110100011100110111,11111001011010010110111,11111001010100100010010011111
1C = 111101110111011111,11111010110100111001111,1111101100111100101011,11110101000100010011001011111
1D = 11110110111011101111,111110100111100110100111,11111011100010100101111,11110101000100010011001011111
1E = 11110110110101110111,111110100011011001100101111,111010111001000011001010111,11111001010001010000010001101111
1F = 111101111011101111,1111101110100011100110111,11111001011010010110111,11111001010100100010001011111
1G = 110111110111011111,1111110111101101011,111101010011111011011,11111001110100011101111
1H = 111011011111011111,1111010111101101001111,11111110001101110101,111110100110100011101111
1I = 1110111011110110111,111101001100111110111,11110011110101000110111,111110110000010110010101111
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1K = 111110111010111111,11101111011011100111,111110100111001011011,111101110010000101011001111
1L = 111101111011111111,1111111011101011011,1111011100101110011111,111011010100000111101111
1M = 111101110111011111,11101110110100001111011,11110100100111100101111,11110011100011001000100101111
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1O = 1101111111111111,11111011111101111,11111110101111111,111111111100110111
1P = 11101111111110111,111111001010111111,11110100111100101111,11110101110001111001111
1Q = 1111011011101110111,111101001110100101001111,11101011100010000110010111,1111011000010010001000101001111
1R = 111101110111111111,1111110111100110111,1111101001011101111,111100111110010110111
1S = 111101111011101111,1111100111001011010111,1111101000101100110111,1111100110100100010100011111