

## Convert Text to Binary

A = 01000001  
B = 01000010  
C = 01000011  
D = 01000100  
E = 01000101  
F = 01000110  
G = 01000111  
H = 01001000  
I = 01001001  
J = 01001010  
K = 01001011  
L = 01001100  
M = 01001101  
N = 01001110  
O = 01001111  
P = 01010000  
Q = 01010001  
R = 01010010  
S = 01010011  
T = 01010100  
U = 01010101  
V = 01010110  
W = 01010111  
X = 01011000  
Y = 01011001  
Z = 01011010

a = 01100001  
b = 01100010  
c = 01100011  
d = 01100100  
e = 01100101  
f = 01100110  
g = 01100111  
h = 01101000  
i = 01101001  
j = 01101010  
k = 01101011  
l = 01101100  
m = 01101101  
n = 01101110  
o = 01101111  
p = 01110000  
q = 01110001  
r = 01110010  
s = 01110011  
t = 01110100  
u = 01110101  
v = 01110110  
w = 01110111  
x = 01111000  
y = 01111001  
z = 01111010

0 = 00110000  
1 = 00110001  
2 = 00110010  
3 = 00110011  
4 = 00110100  
5 = 00110101  
6 = 00110110  
7 = 00110111  
8 = 00111000  
9 = 00111001

1. Choose two bead colors—one color for “0” and another color for “1.”
2. Make a code for the two colors: “G” = Green, “B” = Blue, “P” = Pink, “Pu” = Purple, “Y” = Yellow, “O” = Orange, “R” = Red, “Bl” = Black, “Br” = Brown, “W” = White.
3. Write your first initial in binary, and write the color code for each number beneath it:

\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ (for example: 01110110 = GBBBGBBG)

4. Write your last initial in binary, and write the color code for each number beneath it:

\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ (for example: 01101101 = PuRRPuRRPuR)

5. Put the beads on your bracelet in the order of your binary initials.