

5-Bit Communication Protocol

First, assign decimal numbers to each letter of the alphabet. Then convert those decimal numbers to the equivalent 5-bit number using the Binary Cards.

Letter	Decimal	Binary
A	1	00001
B	2	00010
C	3	00011
D	4	00100
E	5	00101
F	6	00110
G	7	00111
H	8	01000
I	9	01001
J	10	01010
K	11	01011
L	12	01100
M	13	01101
N	14	01110
O	15	01111
P	16	10000
Q	17	10001
R	18	10010
S	19	10011
T	20	10100
U	21	10101
V	22	10110
W	23	10111
X	24	11000
Y	25	11001
Z	26	11010

Your Name in Binary

Alice

00001 01100 01001 00011 00101