

Chapter 4 Insert  
(not a numbered figure)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

**BINARY CIPHER**

**16 8 4 2 1**

M	13
E	5
E	5
T	20
T	20
O	15
N	14
I	9
G	7
H	8
T	20

0	1	1	0	1
0	0	1	0	1
0	0	1	0	1
1	0	1	0	0
1	0	1	0	0
0	1	1	1	1
0	1	1	1	0
0	1	0	0	1
0	0	1	1	1
0	1	0	0	0
1	0	1	0	0

**RANDOM BITS**

**16 8 4 2 1**

1	1	0	0	1
0	1	0	1	0
1	1	1	1	0
0	0	1	0	1
0	1	1	0	0
1	1	1	0	0
0	1	0	1	0
1	0	1	0	0
1	0	0	0	0
0	1	0	0	1
1	0	0	0	1

**ENCRYPTION**

**16 8 4 2 1**

1	0	1	0	0
0	1	1	1	1
1	1	0	1	1
1	0	0	0	1
1	1	0	0	0
1	0	0	1	1
0	0	1	0	0
1	1	1	0	1
1	0	1	1	1
0	0	0	0	1
0	0	1	0	1

20	T
15	O
1	A
17	Q
24	X
19	S
4	D
3	C
23	W
1	A
5	E