

## Test Examples for Cipher Code

I realized that it can be hard to tell if these are working as expected, so here are some examples

**Keyword:** CODE

**Message:** ABCDE-FGHIJK3LM NOPQR'STUV%WXYZ

**Message stripped of numbers, special characters:** ABCDEFGHIJKLMNOPQRSTUVWXYZ

**Notes:** A1 and B1 are filler characters; the code will randomly assign a letter to their positions;  
Test message has special characters and is not easily divisible by the length of the code word.

### Original message:

ABCDEFGHIJKLMNOPQRSTUVWXYZA1B1

C	O	D	E
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	A1	B1

### Original message with Right-to-Left:

DCBAHGFEKJIPONMTSRQXWVUB1A1ZY

C	O	D	E
D	C	B	A
H	G	F	E
L	K	J	I
P	O	N	M
T	S	R	Q
X	W	V	U
B1	A1	Z	Y

### Encoded message:

AEIMQUYCGKOSWA1DHLPTXB1BFJNRVZ

C	A	E	I	M	Q	U	Y
D	C	G	K	O	S	W	A1
E	D	H	L	P	T	X	B1
O	B	F	J	N	R	V	Z

### Encoded message with Reverse-Alphabet:

BFJNRVZDHLPTXB1CGKOSWA1AEIMQUY

O	B	F	J	N	R	V	Z
E	D	H	L	P	T	X	B1
D	C	G	K	O	S	W	A1
C	A	E	I	M	Q	U	Y

### Encoded message with Right-to-Left:

DHLPTXB1BFJNRVZAEIMQUYCGKOSWA1

C	D	H	L	P	T	X	B1
D	B	F	J	N	R	V	Z
E	A	E	I	M	Q	U	Y
O	C	G	K	O	S	W	A1

### Encoded message with Reverse-Alphabet AND Right-to-Left:

CGKOSWA1AEIMQUYBFJNRVZDHLPTXB1

O	C	G	K	O	S	W	A1
E	A	E	I	M	Q	U	Y
D	B	F	J	N	R	V	Z
C	D	H	L	P	T	X	B1

**Encoded message  
with Bottom-to-Top:**

YUQMIEAA1WSOKGCB1XTPLHDZVRNJFB

C	Y	U	Q	M	I	E	A
D	A1	W	S	O	K	G	C
E	B1	X	T	P	L	H	D
O	Z	V	R	N	J	F	B

**Encoded message with Reverse-Alphabet  
AND Bottom-to-Top:**

ZVRNJFBB1XTPLHDA1WSOKGICYUQMIEA

O	Z	V	R	N	J	F	B
E	B1	X	T	P	L	H	D
D	A1	W	S	O	K	G	C
C	Y	U	Q	M	I	E	A

**Encoded message with Right-to-Left  
AND Bottom-to-Top:**

B1XTPLHDZVRNJFBYUQMIEAA1WSOKGC

C	B1	X	T	P	L	H	D
D	Z	V	R	N	J	F	B
E	Y	U	Q	M	I	E	A
O	A1	W	S	O	K	G	C

**Encoded message with Reverse-Alphabet  
AND Right-to-Left AND Bottom-to-Top:**

A1WSOKGICYUQMIEAZVRNJFBB1XTPLHD

O	A1	W	S	O	K	G	C
E	Y	U	Q	M	I	E	A
D	Z	V	R	N	J	F	B
C	B1	X	T	P	L	H	D