

# Cryptograms

## CRYPTOGRAM 01

E
E
A
A
B
F
Q
J
C
F
J
Q
B
M
A
M
E
W
V
G
R
Q
C
T
Q
C
H
.

### FREQUENCY

Q	C	B	F	J	M	A	E	G	H	R	T	V	W
4	3	2	2	2	2	1	1	1	1	1	1	1	1
17%	13%	9%	9%	9%	9%	4%	4%	4%	4%	4%	4%	4%	4%

### CIPHER KEY

A	B	C	E	F	G	H	J	M	Q	R	T	V	W
							E	A					

– Carl Sagan

NOTES

## CRYPTOGRAM 02

E
A
E
A
A
C
U
D
T
U
D
C
D
F
W
H
T
Y
H
Q
S
H
Q
.

### FREQUENCY

D	H	C	Q	T	U	F	S	W	Y
3	3	2	2	2	2	1	1	1	1
17%	17%	11%	11%	11%	11%	6%	6%	6%	6%

### CIPHER KEY

C	D	F	H	Q	S	T	U	W	Y
	A						E		

– Carl Sagan

NOTES

# Cryptograms

## CRYPTOGRAM 03

E T E E  
 A S K M T J M V Y Z T M N L O T Y E H M A X B Y M A  
 E T E E E T  
 A S K M T J M V Y Z T M N A W Y V A Z L A K M B O N .

### FREQUENCY

M	A	T	Y	K	N	V	Z	B	J	L	O	S	E	H	W	X
9	7	5	5	3	3	3	3	2	2	2	2	2	1	1	1	1
17%	13%	10%	10%	6%	6%	6%	6%	4%	4%	4%	4%	4%	2%	2%	2%	2%

### CIPHER KEY

A	B	E	H	J	K	L	M	N	O	S	T	V	W	X	Y	Z
E					T											

– Carl Sagan

NOTES

## CRYPTOGRAM 04

E E E E T E E  
 E X P R A L R G R E X P R J L M C H M C K G R I M W N R  
 T T  
 M E A D M J M C H J X .

### FREQUENCY

M	R	C	E	J	X	A	G	H	L	P	D	I	K	N	W
6	6	3	3	3	3	2	2	2	2	2	1	1	1	1	1
15%	15%	8%	8%	8%	8%	5%	5%	5%	5%	5%	3%	3%	3%	3%	3%

### CIPHER KEY

A	C	D	E	G	H	I	J	K	L	M	N	P	R	W	X
							T						E		

– Carl Sagan

NOTES

# Cryptograms

## CRYPTOGRAM 05

R G Z
A D V J J
P Z I V L H Z I A
A H P Q
V A
S I .

### FREQUENCY

A	I	V	Z	H	J	P	D	G	L	Q	R	S
4	3	3	3	2	2	2	1	1	1	1	1	1
16%	12%	12%	12%	8%	8%	8%	4%	4%	4%	4%	4%	4%

### CIPHER KEY

A	D	G	H	I	J	L	P	Q	R	S	V	Z
				E							A	

– Carl Sagan

NOTES

## CRYPTOGRAM 06

Z O M D J Q D
I G
D H X W D J Q D
X M
J I P

E
E
E

D H X W D J Q D .

### FREQUENCY

D	J	Q	X	H	I	M	W	G	O	P	Z
8	4	3	3	2	2	2	2	1	1	1	1
27%	13%	10%	10%	7%	7%	7%	7%	3%	3%	3%	3%

### CIPHER KEY

D	G	H	I	J	M	O	P	Q	W	X	Z
E			O								

– Carl Sagan

NOTES

## Answer Key – Cryptograms

Solve before peeking. Full solutions below.

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**01** SCIENCE IS A WAY OF THINKING.  
– Carl Sagan

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**02** WE ARE A WAY FOR COSMOS.  
– Carl Sagan

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**03** EXTRAORDINARY CLAIMS REQUIRE EXTRAORDINARY EVIDENCE TRULY.  
– Carl Sagan

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**04** SOMEWHERE SOMETHING INCREDIBLE IS WAITING TO.  
– Carl Sagan

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**05** FOR SMALL CREATURES SUCH AS WE.  
– Carl Sagan

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**06** ABSENCE OF EVIDENCE IS NOT EVIDENCE.  
– Carl Sagan

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