

The Roberston Bobard Code

Solutions Group 9

Group		9							
Key comb	Letter	1	2	3	4	5	6	7	8
Key comb	Caesar	H	A	N	B	E	P	M	T
Key comb	Mono	E	B	D	E	S	I	E	N
Key comb	Vigene	G	O	B	H	T	H	C	I
Key comb	Polybiu	A	R	O	T	S	S	H	S
Key comb	Freemas	L	Y	B	E	P	E	A	C
Key comb	Magic S	A	X	A	R	A	C	N	I

Group		9							
word		1	2	3	4	5	6	7	8
Caesar	BELL	GALAXY	REACTOR	ORBIT	ZONE	LOUNGE	QUARTER	CHAIR	
Mono	ICE	SPACE	UNIVERSE	PLANET	DOG	LIGHT	LIFEBOAT	HEAVEN	
Vigene	NOTEBOOK	FUEL	TEA	TURBINE	ILLUSION	STAR	MAN	HAMSTER	
Polybiu	LOBSTER	SUN	SHIP	HONEYBEE	JUPITER	CUP	HERO	POSTCARD	
Freemas	NATION	EYE	ROBOT	DISTANCE	DANGER	KEY	RADIO	ORGANISM	
Magic S	FLOOR	CELL	FUSION	GRAVITY	ALIEN	MOON	EFFECT	PASSAGE	

Group	9	
	plaintext	key phrase
Caesar	BELLHGALAXYANREACTORBORBITZONEEPLOUNGEMTQUARTERCHAIR	
Mono	ICESPACEEBDUNIVERSEPLANETDOGESILIGHTELIFEBOATNHEAVEN	
Vigene	GONOTEBOOKBFUELTEAHTHTURBINEILLUSIONSTARMANCIHAMSTER	
Polybiu	LOBSTERASUNROSHIPTSHONEYBEESHJUPITERCUPHEROPOSTCARD	
Freemas	LNATIONEYFYROBOTBEDISTANCEPEDANGERAKEYCRADIOOORGANISM	
Magic S	FLOORCELLAXAFUSIONRGRAVITYAALIENCMOONNEFFECTIPASSAGE	

Caesar Cipher

	Shift	
Group	9	19
	Plain	ABCDEFGHIJKLMNOPQRSTUVWXYZ
	Cipher	HIJKLMNOPQRSTUVWXYZABCDEFG
	phrase	
	Plain	BELLHGALAXYANREACTORBORBITZONEEPLOUNGEMTQUARTERCHAIR
	Cipher	ILSSONHSHEFHUYLHJAVYIVYIPAGVULLWSVBUNLTAXBHYALYJOHPY

Monoalph Cipher

	Keyword	Keyword used	Alphabet
9	HYPOCHONDRIACS	HYPOCNDRIAS	Plain ABCDEFGHIJKLMNOPQRSTUVWXYZ Cipher HYPOCNDRIASBEFGJKLMQTUVWXZ
	phrase		
	Plain	ICESPACEEBDUNIVERSEPLANETDOGESILIGHTELIFEBOATNHEAVEN	
	Cipher	IPCMJHPCCYOTFIUCLMCJBHFCQOGDCMIBIDRQCBINCYGHQFRCHUCF	

Vigenere Cipher

	Keyword	plaintext	key	phrase
9	PYTHON	Keyword	PYTHONPYTHONPYTHONPYTHONPYTHONPYTHONPYTHONPYTHONPYTH	
		Plaintext	GONOTEBOOKBFUELTEAHTHTURBINEILLUSIONSTARMANCIHAMSTER	
		Ciphertext	VMGVHROMHRPSJCEASNWRAAIEQGGLWYASLPCAHRTYANCABOOZHRXY	

Polybius Squ Cipher

[illegible]

Freemason Ciphers

```
Gr  9 Plain  I J K L M N O P Q R S T U V W X Y Z A B C D E F G H
      Cipher  J K L M N O P Q R S T U V W X Y Z A B C D E F G H
```

LNATIONEYEROBOTBEDISTANCEPEDANGERAKEYCRADIOORGANISM
 000A7C6V3V7T7A7VFJKAGC0VNVFCGAVVLV3VMGFJTVAGCJKO

Magic Squa Cipher

Full Magic Square

1	26	44	20	38	14	32
9	34	3	28	46	15	40
17	42	11	29	5	23	48
25	43	19	37	13	31	7
33	2	27	45	21	39	8
41	10	35	4	22	47	16
49	18	36	12	30	6	24

Empty Magic Square

1	26	44	20	38		32
9	34	3	28	46	15	
	42		29		23	48
25		19	37	13	31	7
33	2		45	21	39	8
41	10	35		22	47	16
49	18	36	12		6	24

phrase Square
FLOORCELLAXAFUSIONRGRAVITYAALIENCMOONNEFFECTIPASSAGE

F
L
O
T
C
F
S

Y
M
E
C
L
A
N

T
O
X
R
A
O
O

G
A
L
N
I
O
A

N
P
R
F
R
A
I

U
S
V
E
E
A
C

N
F
S
E
L
I
I

AGE