

# The Roberston Bobard Code

## Solutions Group 10

Group	10
Key comb	Letter 1 2 3 4 5 6 7 8
Key comb	Caesar T B A E B I P N
Key comb	Mono H O N H E H M I
Key comb	Vigene E R D T S S E S
Key comb	Polybiu G Y B E T E C C
Key comb	Freemas A X O R S C H I
Key comb	Magic S L A B A P A A N

Group	10
word	1 2 3 4 5 6 7 8
Caesar	CHAIR SPACE GALAXY PLANET ORBIT LIGHT LOUNGE HEAVEN
Mono	BELL FUEL REACTOR TURBINE ZONE STAR QUARTER HAMSTER
Vigene	ICE SUN UNIVERSE HONEYBEE DOG CUP LIFEBOAT POSTCARD
Polybiu	NOTEBOOK EYE TEA DISTANCE ILLUSION KEY MAN ORGANISM
Freemas	LOBSTER CELL SHIP GRAVITY JUPITER MOON HERO PASSAGE
Magic S	NATION FLOOR ROBOT FUSION DANGER ALIEN RADIO EFFECT

Group	10
	plaintext key phrase
Caesar	CHAIRTSPEACBAGALAXYEPLANETORBITBILIGHTPNLOUNGEHEAVEN
Mono	BELLFUELHONREACTORTURBINEZONEHEHSTARMQUARTERIHAMSTER
Vigene	ERICDSUNUNIVERSETSSHONEYBEEDOGCUPLIFEBOATESPOSTCARD
Polybiu	NOTEBOOKGEYEBTEAETDISTANCEECCILLUSIONKEYMANORGANISM
Freemas	ALOBSTERCELLXSHIPORGRAVITYSCJUPITERHMOONIHEROPASSAGE
Magic S	NATIONFLOORLABROBOTAFUSIONPDANGERAALIENARADIONEFFECT

### Caesar Cipher

	Shift
Group 10	20
Plain	ABCDEFGHIJKLMNOPQRSTUVWXYZ
Cipher	GHIJKLMNOPQRSTUVWXYZABCDEF
	phrase
Plain	CHAIRTSPEACBAGALAXYEPLANETORBITBILIGHTPNLOUNGEHEAVEN
Cipher	INGOXZYVGIKHGMGRGDEKVRGTKZUXHOZHROMNZVTRUATMKNKGBKT

### Monoalph Cipher

	Keyword	Keyword used	Alphabet
10	VOICEFULNESSES		Plain ABCDEFGHIJKLMNOPQRSTUVWXYZ
		VOICEFULNS	Cipher VOICEFULNSABDGHJKMPQRTWXYZ
	phrase		
Plain	BELLFUELHONREACTORTURBINEZONEHEHSTARMQUARTERIHAMSTER		
Cipher	OEBBFREBLHGMEVIQHMORMONGEZHGELQLPQVMDKRVMQEMNLVDPQEM		

## Vigenere Cipher

	Keyword	plaintext	key phrase
10	PHYSIC	Keyword	PHYSICPHYSICPHYSICPHYSICPHYSICPHYSICPHYSICPHYS
		Plaintext	ERICEDSUNUNIVERSETSSHONEYBEEDOGCUPLIFEBOATESPOSTCARD
		Ciphertext	TYGUMFHBLMVKKLPKMVHZFGVGNICWLQVJSHTKULZGIVTZNGAVRHPV

## Polybius Squ Cipher

[illegible]

# Freemason Ciphers

Gr	10 Plain	G H I J K L M N O P Q R S T U V W X Y Z A B C D E F
	Cipher	J U L O □ □ □ ▯ ▯ ▯ V < ^ > _ U L U O □ □ □ ▯ ▯ ▯ V < ^ >

ALOBSTERCELLXSHIPORGRAVITYSCJUPITERHMOONIHEROPASSAGE  
 .000.>.JAAVACCO>ULVFJAJN.L.C>VCLMLJAAUNTTMLUAAVVD>>.0JA

# Magic Squa Cipher

## Full Magic Square

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

### Empty Magic Square

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

phrase Square  
NATIONFLOORLABROBOTAFUSIONPDANGERAALIENARADIONEFFECT

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ECT