



Paper Lorenz Challenge Answers



Challenge 1

Set Ψ wheel (Psi) = 1, M (Mu) = 2, X (Chi) = 3

Cipher	X	4	X	L	4
Ψ Psi	P	P	N	N	T
X Chi	L	N	F	U	W
Plain	B	O	M	B	E

Challenge 2

Set Ψ (Psi) = 5, M (Mu) = 7, X (Chi) = 12

Cipher	Y	G	L	W	O
Ψ Psi	T	U	G	F	F
X Chi	9	Z	D	4	/
Plain	E	N	E	M	Y

Challenge 3

QEP: EMIL, IDA, RICHARD

Cipher	W	M	M	S	H	C
Ψ Psi	N	A	A	A	O	O
X Chi	F	U	W	K	H	G
Plain	L	O	N	D	O	N



Challenge 4

QEP: THEODOR, KAUFMANN, SAMUEL

Cipher	T	S	D	D	T	9	D	X	4	4
Ψ Psi	N	T	K	K	K	K	T	T	T	U
X Chi	Y	H	N	4	L	N	F	U	W	K
Plain	D	E	R	9	F	U	H	R	E	R

Challenge 5

QEP: ????, MARTHA, BERTA

Crib: The answer is someone who worked at Bletchley Park

Cipher	I	O	F	O	S	4	Z	I	P	D
Ψ Psi	F	L	L	F	L	X	4	N	N	N
X Chi	L	N	F	U	W	K	H	G	R	9
Plain	B	I	L	L	9	T	U	T	T	E