Keyword (key) = BRAKE

Letters in the keyword are not repeated in the 5 * 5 table

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

Plaintext: ROOM

➔ Encryption

Double letters are split with x, and single last letter is padded with x.

Diagrams: RO OX MX

RO ➔ EL, OX ➔ MZ, MX ➔ SA

Cyphertext = ELMZSA

➔ Decryption

EL ➔ RO, MZ ➔ OX, SA ➔ MX

RO OX MX

But double o was split and the last m was padded.

Therefore, we remove all the introduced letters (x) to obtain the plaintext **ROOM.**