Substitution cipher

Key =

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a | b | c | d | e | f | g | h | i | j | k | L | m |
| q | w | e | r | t | y | u | i | o | p | a | s | d |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| n | o | p | q | r | s | t | u | v | w | x | y | z |
| f | g | h | j | k | l | z | x | c | v | b | n | m |

Ciphertext = FQKF OQOL OFZI TSTQ R

Double columnar transposition

Key = (cat, dog) (cat was used first when encrypting)

Ciphertext = VSSA LCET IRIE NPYN EAEH V

Vigenere

Key = areallylongkey

Ciphertext = ACPY ZFPM OFKK VCBV POYR RZIF

Substitution cipher

Key =

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a | b | c | d | e | f | g | h | i | j | k | L | m |
| z | x | c | v | b | n | m | a | s | d | f | g | h |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| n | o | p | q | r | s | t | u | v | w | x | y | z |
| j | k | l | q | w | e | r | t | y | u | i | o | P |

Ciphertext = ZGGO KTWX ZEBZ WBXB GKJM RKTE

Double columnar transposition

Key = (dog, cat) (dog was used first when encrypting)

Ciphertext = SDUO RRCO TSAG LODG EL

Vigenere

Key = areallylongkey

Ciphertext = JRQE DMMY RVYR IPE