

1. Encipher the message "Hill system can be broken" using Playfair system with key work "contact."

2. Decipher the message:

MP VT QN IP GV KW LM QK FD FN PN GF MZ OU

using the Playfair system with key work "commons."

3. Encipher the following Charles Dickens quote

"To conceal anything from those to whom I am attached, is not in my nature. I can never close my lips where I have opened my heart."

using rectangular transposition with key word *linear*.

4. Decipher the following message

AOEAE MLRAR NEEEI LYHSA HDEAE HTEAD IMMTT DETNM LHTIH RNNIS RLRAL
NEYSV EDNSM SAPLL GLANP TEXTT AATYA EANEW RYYES INONE ASWSD MOEEH
IARCN HPN

knowing it was encipher with rectangular transposition with key word *ciphers*. Make sure restore spacing between words, capitalization and add punctuation to make it readable.

5. Decipher message

OFC WNV RWM PEX YCZ GKP URU KRE EXR GXZ CJC JPN ZZM DQM AYX OIA GSX
M

using verner two-tape with keys *Chargers* and *eternal*.

6. Look on the website for homecoming events at USD. Choose an event that you would be most likely to attend and write that down. I won't make you actually go to the event but consider doing it, it builds school spirit.