

1. Suppose you know the following message was enciphered with Hill (2 dimensions with mod 29):

!Q AD !R EX SW

Break it knowing the first word of the message is “retreat”.

2. Encipher the message “Was career services interesting” using Playfair system with key work “builder.”
3. Decipher the message:

NP VS AN EU CU LV LQ LZ GT WC QK NF TH TU UR

using the Playfair system with key work “contact.”

4. Encipher the following Charles Dickens quote

“It was one of those March days when the sun shines hot and the wind blows cold: when it is summer in the light, and winter in the shade.”

using rectangular transposition with key word *cipher*.

5. Decipher the following message

OMNRP SADYA AETMN ROCNT FTTSE RERTW OEHYO DELFE ROARE IPMAL LRDOA
RTWIE EYOTL OMODO MRTTR OHYOD TWODO SPCAT SBCI

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

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.