

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

KT T. .Y ZV QC !!

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

2. Encipher the message “Come to soccer game Thursday” using Playfair system with key work “courage.”
3. Decipher the message:

FE AQ GS BK TB GQ NP FS GY TA TA TP GK

using the Playfair system with key work “legally.”

4. Encipher the following Charles Dickens quote
“My advice is to never do tomorrow what you can do today. Procrastination is the thief of time.”
using rectangular transposition with key word *attack*.
5. Decipher the following message

TOHEO EBHOT GRUUN AAARA PNBTT UWTEM UEAWR FOEAE UDSTE OIEHI RIFSN
SAORA IABBI HRETT TNNDE IAFET OMSFE OGMOT AQNRL ESHSO TSEKG SONOD
OBSSE SINFL DOGRT RNOLY NENTH IHOTT RNROO UTSTT SPE

knowing it was encipher with rectangular transposition with key word *commons*. 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.