

1. Encipher the message "You should take math logic" using Playfair system with key work "witness."

2. Decipher the message:

TO CA QZ PN DK QA GH EI PB SZ PB HW EP BA FS

using the Playfair system with key work "builder."

3. Encipher the following Charles Dickens quote

"I must be taken as I have been made. The success is not mine, the failure is not mine, but the two together make me."

using rectangular transposition with key word *owned*.

4. Decipher the following message

LSTPF ARIEU EMNTE DAATU IADOB EHSOA RLOIE NHBAN LTEAS DRNLI UTPII
AAAVA NSFAA DTIES KNNGD ECDUF MDOLS DLDIS LTEAH RTREA IFNHE STEEN
KWCAS EUERW E

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

5. Decipher message

RQU GIH PCV NTV BVR OVA TPJ VLP QDN KXF GXD TFZ WHQ

using verner two-tape with keys *Patriots* and *contact*.

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.