

1. Encipher the message "You will love the RSA system" using Playfair system with key work "commons."

2. Decipher the message:

GQ KR BP AG ER IB FO HB SL NZ

using the Playfair system with key work "eternal."

3. Encipher the following Charles Dickens quote

"Never close your lips to those whom you have already opened your heart."

using rectangular transposition with key word *range*.

4. Decipher the following message

UHF AE SHEHI IDMT O LVETF TTSNI FOOEO TTA EK OSELY MSAIE TCSCO VNEFS
IPMED IBOEG XIUNP ANIFE DPICT RGEYA E

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

5. Decipher message

HPZ KQW NZC WQB NVW BCB BAE EP

using verner two-tape with keys *Packers* and *witness*.

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.