

1. Encipher the message "Have a happy homecoming" using Playfair system with key work "writing."

2. Decipher the message:

PR ID BS IP HE CD SG RQ PD BW BW BO DU

using the Playfair system with key work "ciphers."

3. Encipher the following Charles Dickens quote

"And I am bored to death with it. Bored to death with this place, bored to death with my life, bored to death with myself."

using rectangular transposition with key word *weird*.

4. Decipher the following message

ELSIW HHDOT GSRTS NLOWO TDEUI OTGIC SHLOT EEUIK ECSOG HNHOA LDIMS
WELHM RGHIT UTTAO TBWTD HLCI NOPIW RIAIL RSIOL THNID ASEOS YGIRO
YUTHE GGNRS EWHGH TO

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

5. Decipher message

NHZ BYP AQU FEM RVF UOW ZIQ DAQ OUX PYZ PSO TMO PH

using vernam two-tape with keys *Saints* and *steamer*.

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.