Worksheet 20 (Cryptography 4): What did they say?

Your name: _____

$\boxed{\text{Plaintext}}$

1. Choose one of the following three ciphers (circle):

   Progressive Caesar Cipher   Vigenière Cipher   Double Transposition Cipher

2. Choose an appropriate keyword

   (a) PCC: choose a starting shift: _____

   (b) Vigenière: Choose a 5-letter word _____

   (c) Double Transposition: Choose two words with different lengths, of at most 6 letters

   _____

3. Choose a phrase of at least 20 characters

   Phrase: _____

4. Encrypt your phrase using your method. Separate it into blocks of 5 characters.

5. Then fill in the second sheet and exchange it with someone else in the class.

The encrypter's name: _____

The decrypter's name: _____

<center>Ciphertext</center>

Decrypt the following text using the given information:

Cipher method: _____

Secret Key: _____

Ciphertext: _____

_____

_____