

HW 29

1. Define cryptography, cryptology, encipher, decipher.
2. Decipher the following. (Harry Potter and the Sorcerer's Stone, J.K. Rowling)
"Erised stra ehru oyt ube cafru oyt on wohsi."
Who is a famous person who used this technique?
3. How many ways are there to cipher a word with 7 distinct letters?
4. Decipher the following:
c obcxs, obpupwtup c kv--upxp rpzdkuopz
5. Why is a knowledge of linguistics useful in cracking codes?
6. Who were the Navajo Code Talkers?
7. What are some fields of mathematics used in cryptography?
8. What are some industries/companies involved in cryptography?
9. Create your own code/cipher.