



b. A Stream cipher Encrypts/Decrypts bits or bytes one at a time.

A block cipher treats a string as a whole and used throughout the Encrypt/Decrypt process.

c. A mono-alphabetic cipher is a method that replaces the traditional alphabet with an alphabet that has been shifted.

If A becomes C then, "sample text" becomes "uconrg vgzv".

d. A poly-alphabetic cipher is similar to mono-alphabetic but uses the Vigenere table to cross check a repeated phrase

e. No matter how much cipher text is given, the plain text appears to have no solutions for unconditionally secure. For computationally secure, the time and cost to break the cipher is greater than the value of the information.

f. one time pads are flawed because of the transportation of the key on the pad and because of reuse of the same key.