

Shift Cipher

$$A=0, B=1, \dots, Z=25$$

$$f_k(x) = (x+k) \bmod 26$$

$$f(x,k) = (x+k) \bmod 26$$
$$(x+k) \% 26$$

$$f^{-1}(x,k) = (x-k) \bmod 26$$

$$(x-k+26) \% 26$$
