## Caesar Cipher

Plaintext: ABCDEFGHIJKLMNOPQRSTUVWXYZ Cyphertext: D E F G H I J K L M N O P Q R S T U V W X Y Z A B C

## Plaintext: ATTACK

Key: R

Plaintext: ABCDEFGHIJKLMNOPQRSTUVWXYZ Cyphertext:

## Caesar Cipher

WZOOZ HDYGZ M

# Vigenere Cipher 

Key: HANKY<br>Silly rabbit, trix are for kids.

HANKY HANKY HANKY HANKY HANKY
Plaintext: SILLY RABBI TTRIX AREFO RKIDS

Cyphertext: ZIYVW YAOLG ATESV HRRPM YKVNQ

Key: QUIK

QUIK QUIK QUIK QUIK Q
Cyphertext: TLQX ASWE HIDK BNQX U


## The Vigenere Square

 $\begin{array}{llllllllllllllllllllllllllll}B & C & D & E & F & G & H & I & J & K & L & M & N & O & P & Q & R & S & T & U & V & W & X & Y & Z & A\end{array}$


 $\begin{array}{llllllllllllllllllllllllllll}F & G & H & I & J & K & L & M & N & O & P & Q & R & S & T & U & V & W & X & Y & Z & A & B & C & D & E\end{array}$
 $\begin{array}{llllllllllllllllllllllllllll}\mathrm{H} & \mathrm{I} & \mathrm{J} & \mathrm{K} & \mathrm{L} & \mathrm{M} & \mathrm{N} & \mathrm{O} & \mathrm{P} & \mathrm{Q} & \mathrm{R} & \mathrm{S} & \mathrm{T} & \mathrm{U} & \mathrm{V} & \mathrm{W} & \mathrm{X} & \mathrm{Y} & \mathrm{Z} & \mathrm{A} & \mathrm{B} & \mathrm{C} & \mathrm{D} & \mathrm{E} & \mathrm{F} & \mathrm{G}\end{array}$ $\begin{array}{llllllllllllllllllllllllllll}I & J & K & L & M & N & O & P & Q & R & S & T & U & V & W & X & Y & Z & A & B & C & D & E & F & G & H\end{array}$

 $\begin{array}{llllllllllllllllllllllllllll}L & M & N & O & P & Q & R & S & T & U & V & W & X & Y & Z & A & B & C & D & E & F & G & H & I & J & K\end{array}$ $\begin{array}{llllllllllllllllllllllllllll}M & N & O & P & Q & R & S & T & U & V & W & X & Y & Z & A & B & C & D & E & F & G & H & I & J & K & L\end{array}$ $\begin{array}{lllllllllllllllllllllllllll}N & O & P & Q & R & S & T & U & V & W & X & Y & Z & A & B & C & D & E & F & G & H & I & J & K & L & M\end{array}$ $\begin{array}{lllllllllllllllllllllllllll}O & P & Q & R & S & T & U & V & W & X & Y & Z & A & B & C & D & E & F & G & H & I & J & K & L & M & N\end{array}$
 $\begin{array}{llllllllllllllllllllllllllll}Q & R & S & T & U & V & W & X & Y & Z & A & B & C & D & E & F & G & H & I & J & K & L & M & N & O & P\end{array}$
 $\begin{array}{lllllllllllllllllllllllllllll}S & T & U & V & W & X & Y & Z & A & B & C & D & E & F & G & H & I & J & K & L & M & N & O & P & Q & R\end{array}$
 $\begin{array}{lllllllllllllllllllllllllll}U & V & W & X & Y & Z & A & B & C & D & E & F & G & H & I & J & K & L & M & N & O & P & Q & R & S & T\end{array}$






| A | 0 |  |  | N | 13 |  |  |
| :--- | :--- | :--- | ---: | :--- | :--- | :--- | :--- |
| B | 1 | H | 7 | O | 14 | U | 20 |
| C | 2 | I | 8 | P | 15 | V | 21 |
| D | 3 | J | 9 | Q | 16 | W | 22 |
| E | 4 | K | 10 | R | 17 | X | 23 |
| F | 5 | L | 11 | S | 18 | Y | 24 |
| G | 6 | M | 12 | T | 19 | Z | 25 |

## Caesar Cipher

plaintext
numerical

plaintext+key (mod 26)
ciphertext $\square$
Vigenere Cipher
plaintext

numerical

key

plaintext + key
 (mod 26)
ciphertext


