Exo1

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

Texte clair : LA DECEPTION ET L’ARROGANCE MENE A LA RUINE

Texte chiffre : HI DKWKJLMCV KL H’IXXCYIVWK OKVK I HI XSMVK

Equation de chiffrement : F(a,b)x = 7x + 8 mod26

Equation de chiffrement : F(a,b)y= 7-1(y-8)mod26

Exo2

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

Texte clair : LES FORTS AIMENT L’EFFORT

Texte chiffre : RQS FKDS IYGQVH RQFFKDH

Equation de chiffrement : F(a,b)x = 15x + 8 mod26

Equation de chiffrement : F(a,b)y= 15-1(y-8)mod26