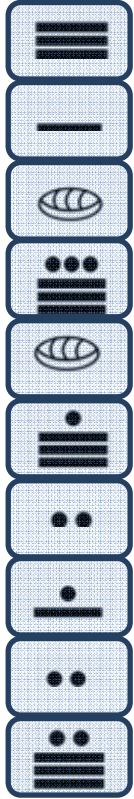


## Enigme du jour 3 :

### Réponse

#### 1ère PARTIE :

#### LA CLE



$$= 15 \times 20^9 = 15 \times (2 \times 10)^9 = 15 \times 2^9 \times 10^9 = 15 \times 512 \times 10^9 = 7680 \times 10^9 = 7680\ 000\ 000\ 000$$

$$= 5 \times 20^8 = 5 \times (2 \times 10)^8 = 5 \times 2^8 \times 10^8 = 5 \times 256 \times 10^8 = 1280 \times 10^8 = 128\ 000\ 000\ 000$$

$$= 0$$

$$= 18 \times 20^6 = 18 \times (2 \times 10)^6 = 18 \times 2^6 \times 10^6 = 18 \times 64 \times 10^6 = 1152 \times 10^6 = 1\ 152\ 000\ 000$$

$$= 0$$

$$= 16 \times 20^4 = 16 \times (2 \times 10)^4 = 16 \times 2^4 \times 10^4 = 16 \times 16 \times 10^4 = 256 \times 10^4 = 2\ 560\ 000$$

$$= 2 \times 20^3 = 2 \times (2 \times 10)^3 = 2 \times 2^3 \times 10^3 = 2 \times 8 \times 10^3 = 16 \times 10^3 = 16\ 000$$

$$= 6 \times 20^2 = 6 \times (2 \times 10)^2 = 6 \times 2^2 \times 10^2 = 6 \times 4 \times 10^2 = 24 \times 10^2 = 2\ 400$$

$$= 2 \times 20^1 = 2 \times (2 \times 10)^1 = 2 \times 2 \times 10^1 = 4 \times 10^1 = 40$$

$$= 17 \times 20^0 = 17 \times 1 = 17$$

**Total :** 7 809 154 578 457

LA « PRECIEUSE CLE » EST DONC : 7 809 154 578 457

#### 2<sup>ème</sup> PARTIE :

#### DECRYPTAGE DU MOT

CLE

J Q R L P S J J Y M R H L

7 8 0 9 1 5 4 5 7 8 4 5 7

LE MOT CHERCHE EST :

**CIRCONFERENCE**