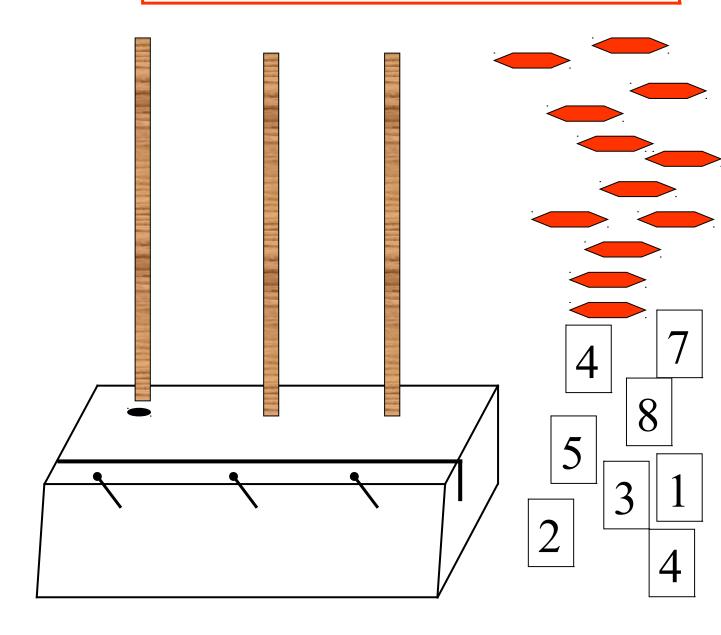
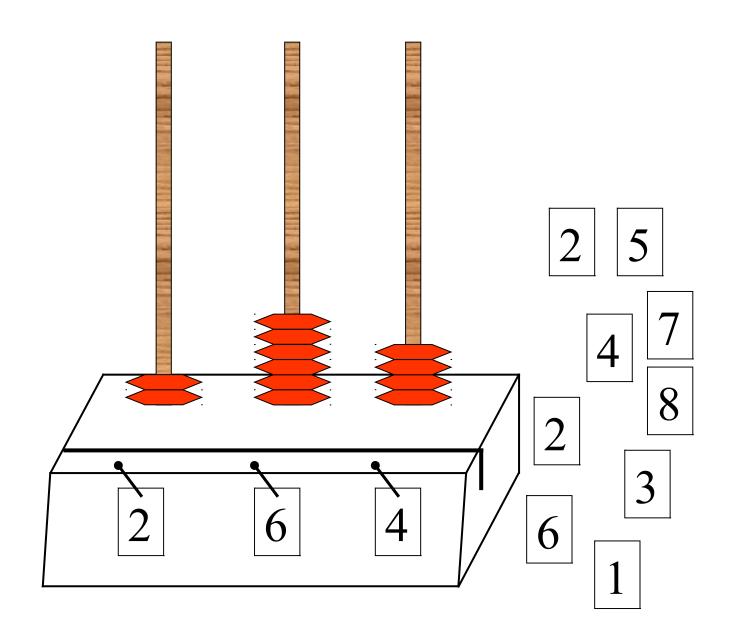


Temps 2

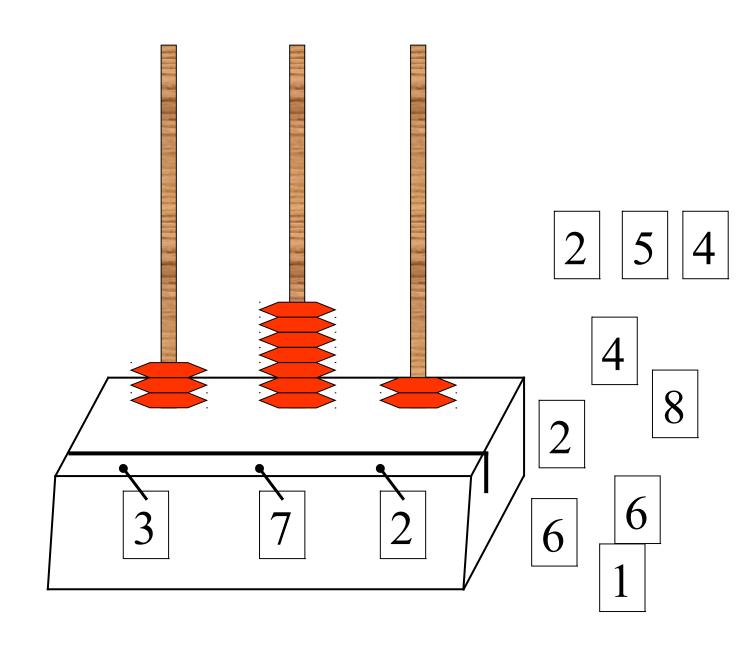
Appropriation empirique de l'abaque



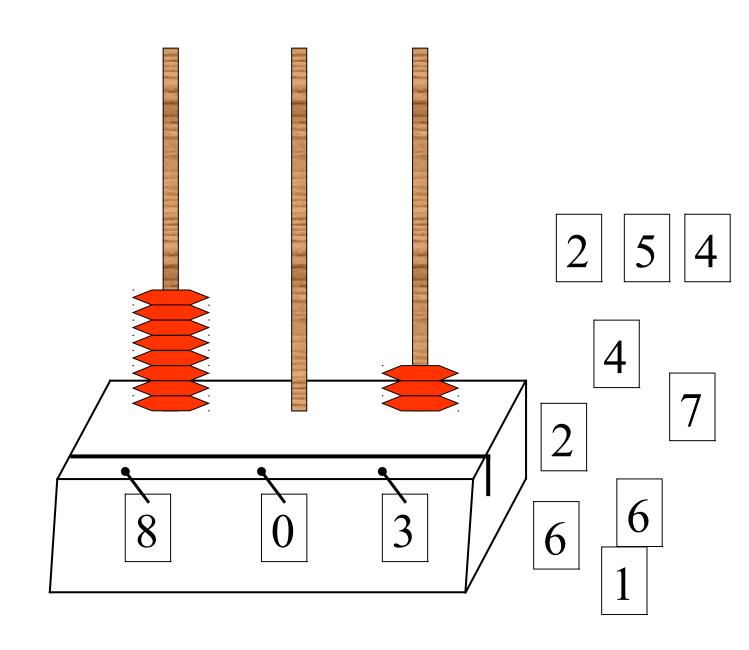
On montre...



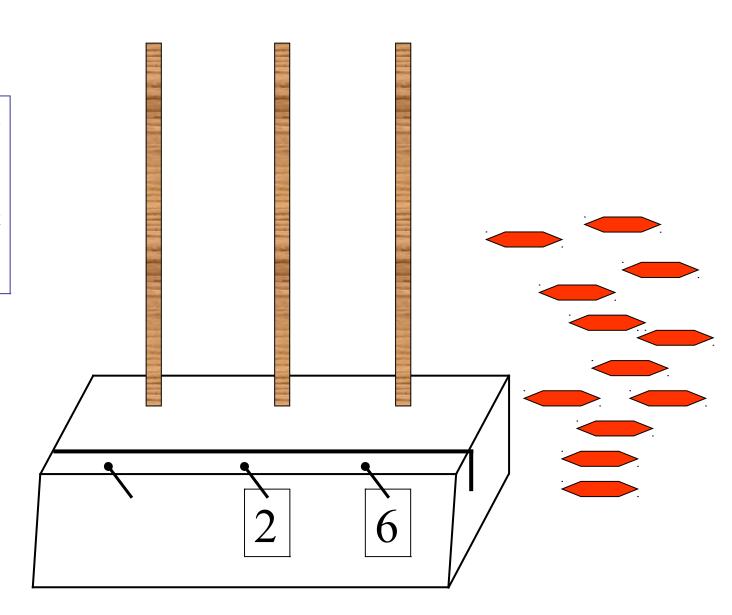
On montre...

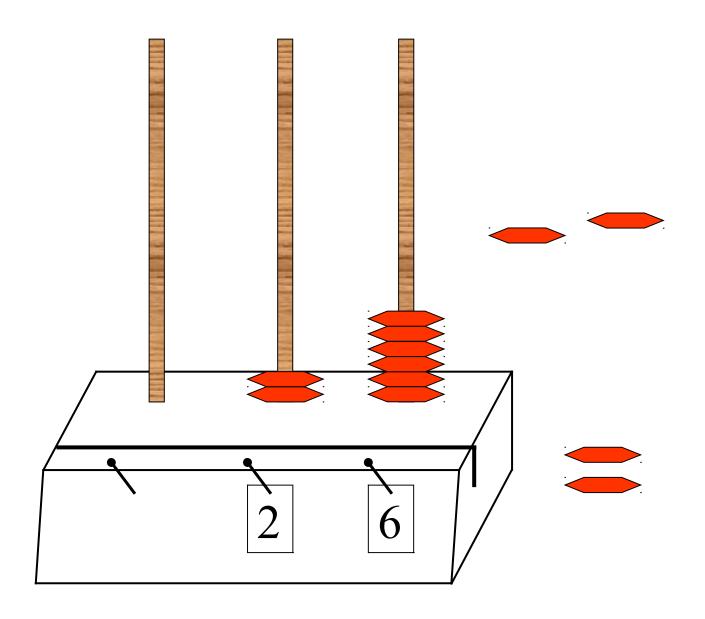


On montre...

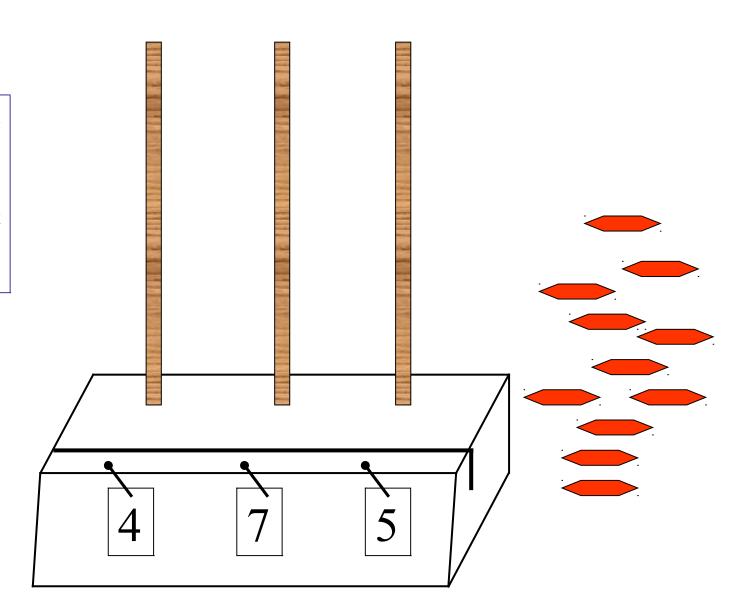


L'enseignant écrit un nombre avec les étiquettes.

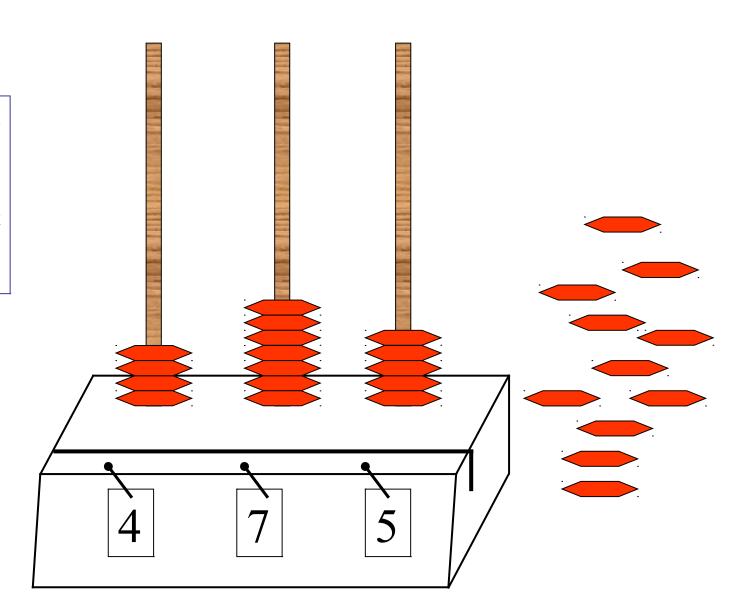




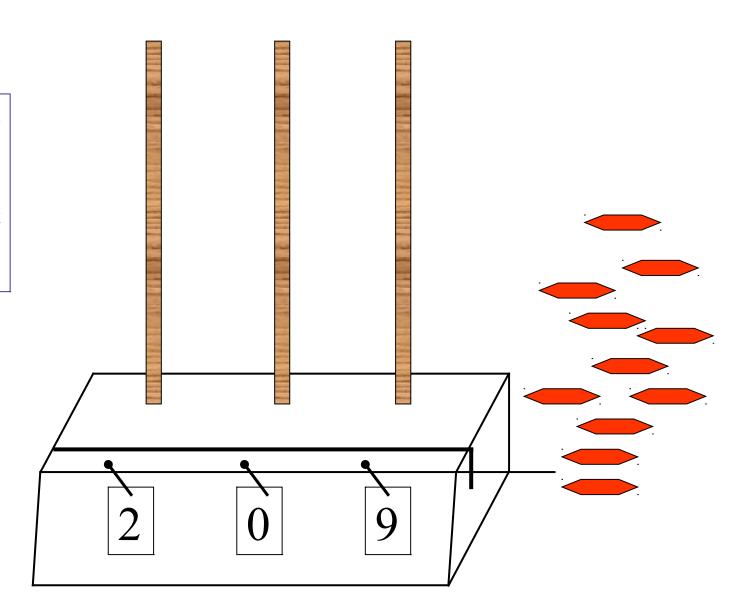
L'enseignant écrit un nombre avec les étiquettes.



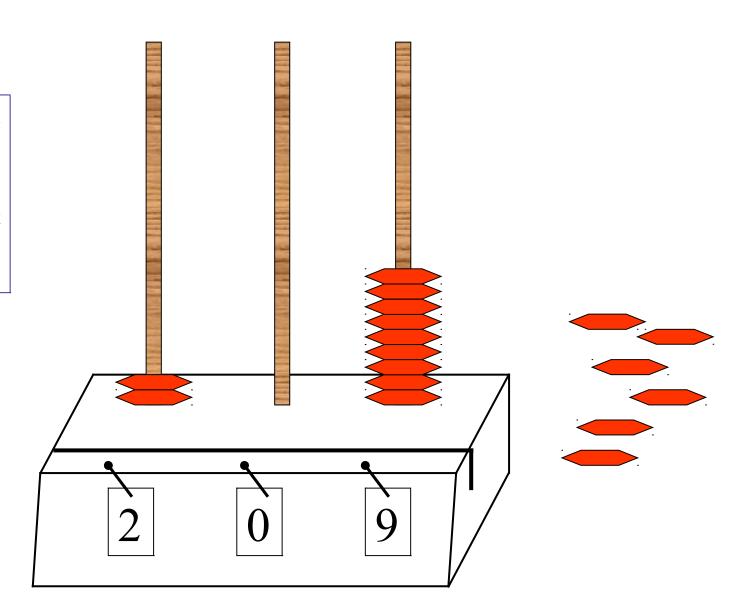
L'enseignant écrit un nombre avec les étiquettes.



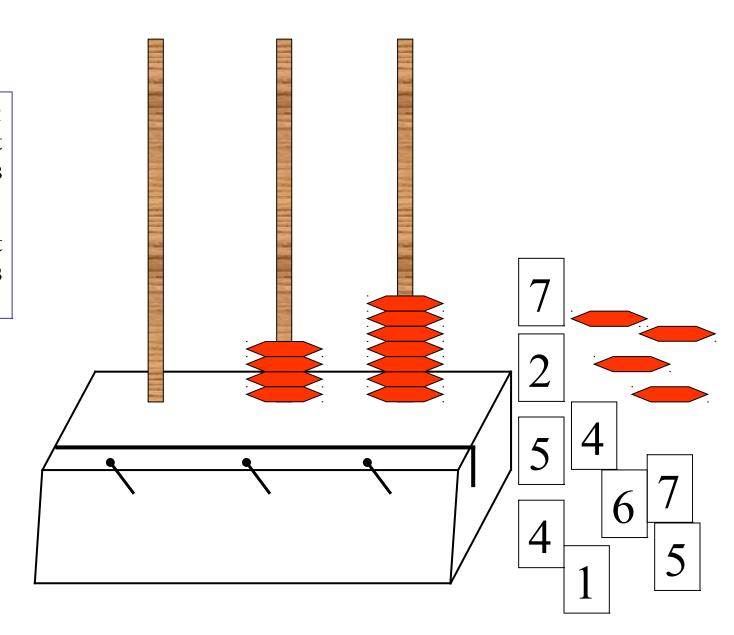
L'enseignant écrit un nombre avec les étiquettes.



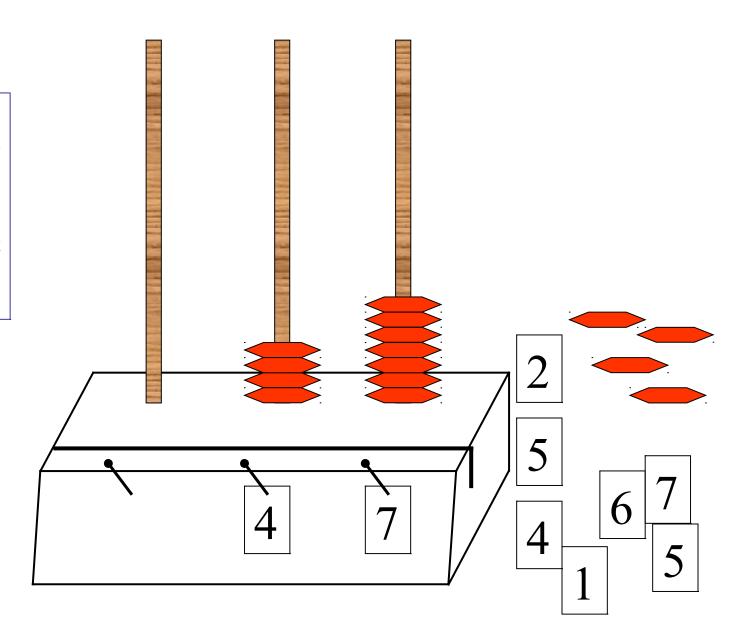
L'enseignant écrit un nombre avec les étiquettes.



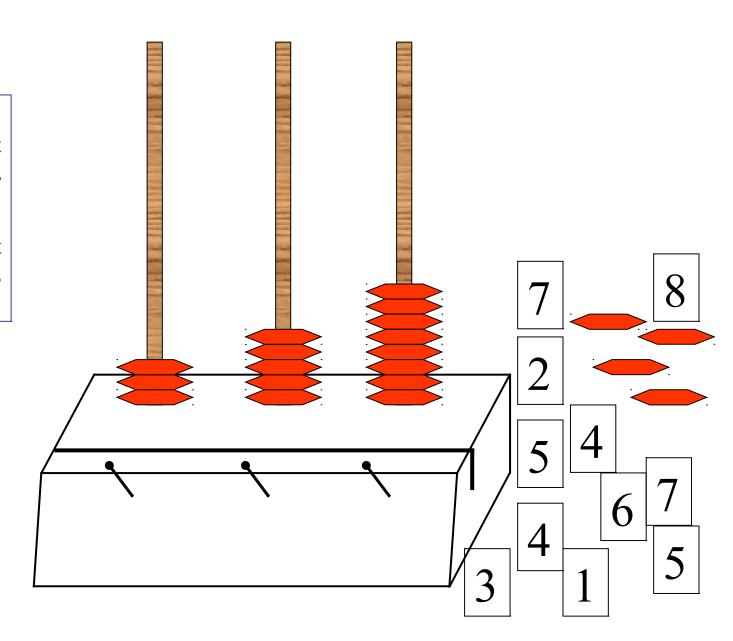
Réciproquement : L'enseignant écrit un nombre avec les jetons sur abaque.



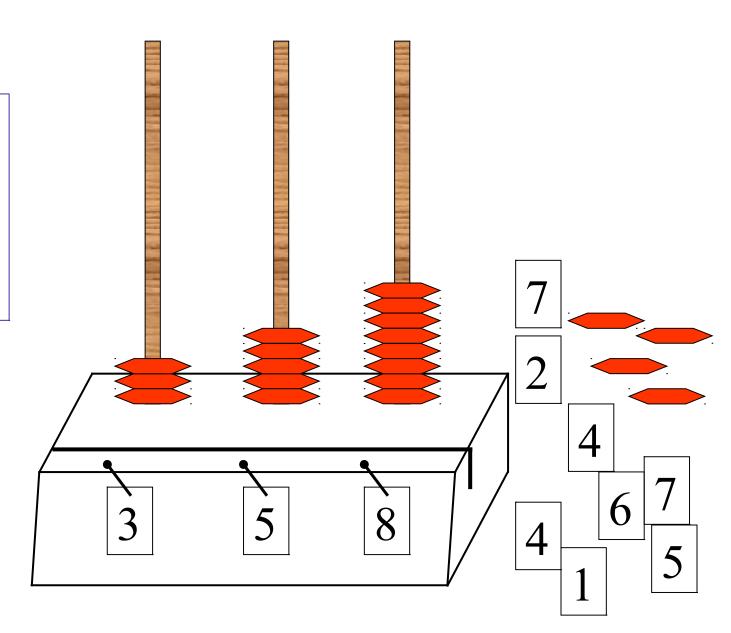
Réciproquement : L'enseignant écrit un nombre avec les jetons sur abaque.



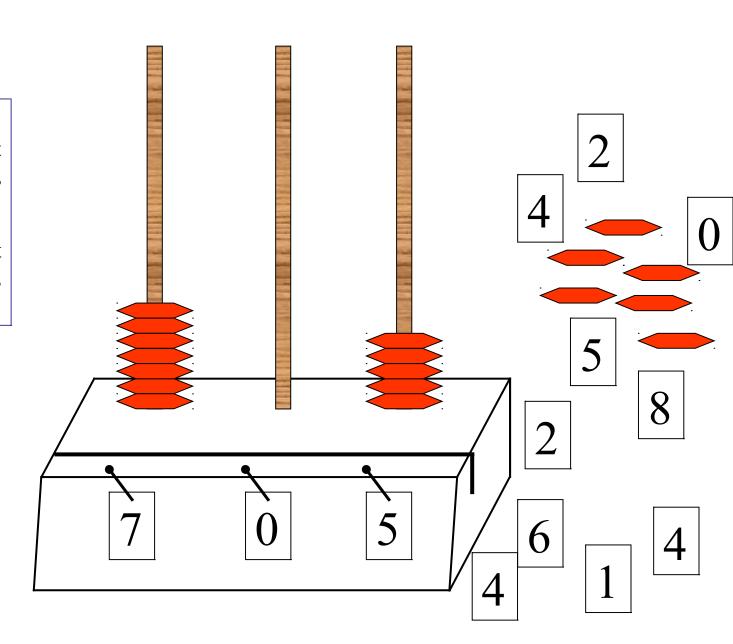
Réciproquement : L'enseignant écrit un nombre avec les jetons sur abaque.



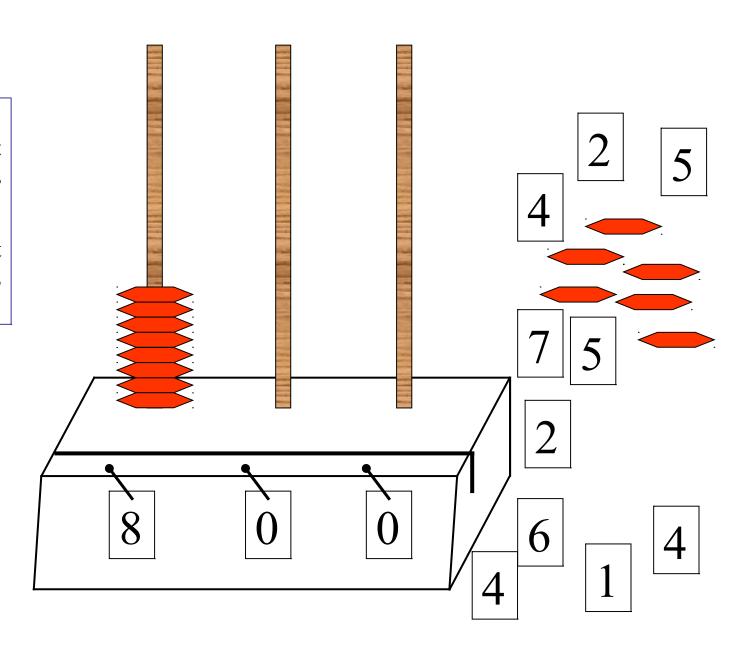
Réciproquement : L'enseignant écrit un nombre avec les jetons sur abaque.



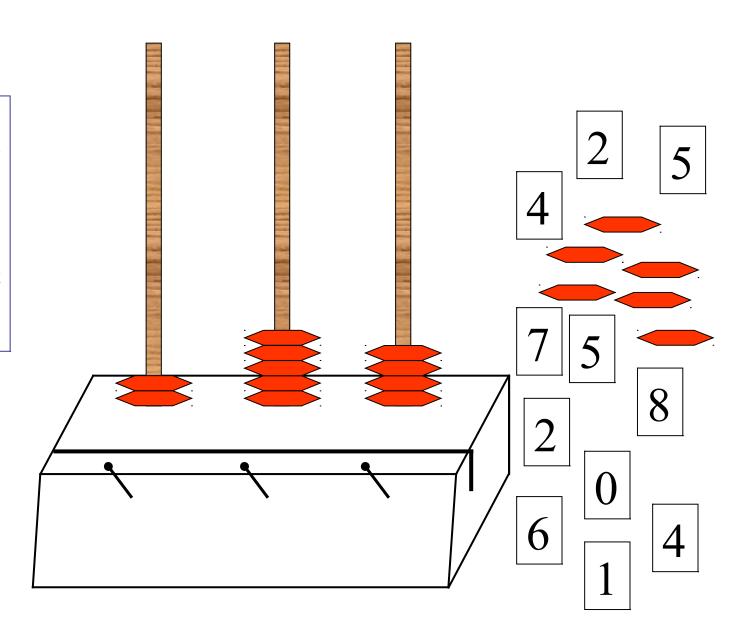
Réciproquement : L'enseignant écrit un nombre avec les jetons sur abaque.



Réciproquement : L'enseignant écrit un nombre avec les jetons sur abaque.



Réciproquement : L'enseignant écrit un nombre avec les jetons sur abaque. (4tiges)

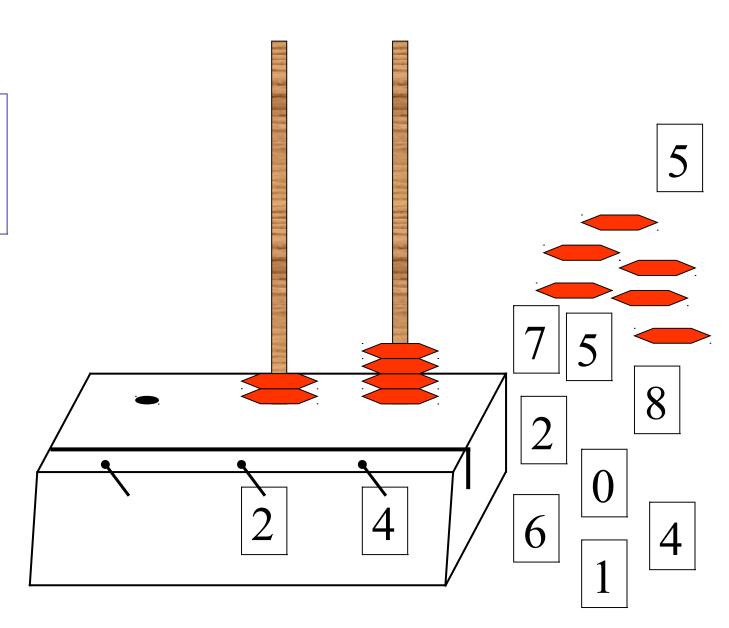


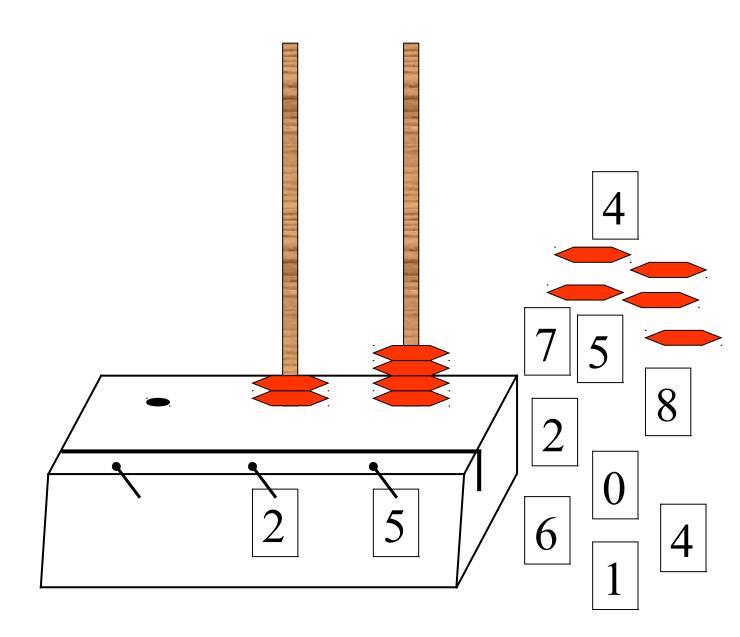
Temps 3

Compter sur l'abaque

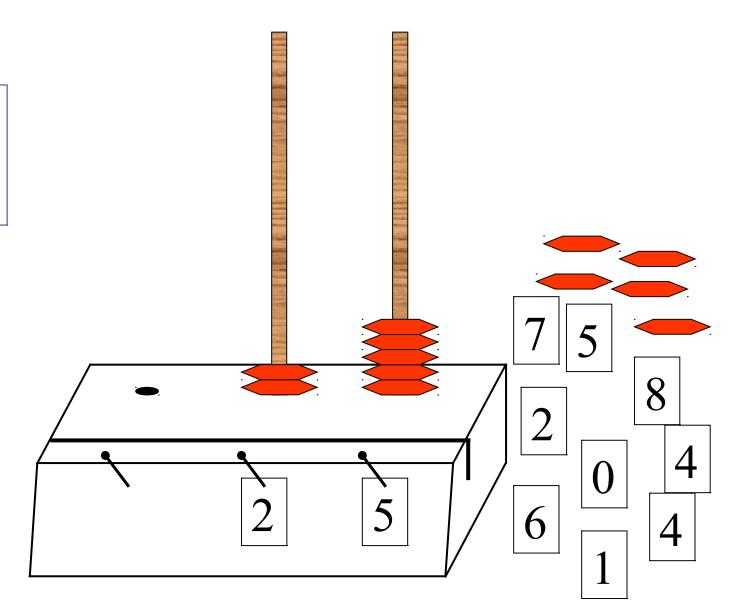
Sens direct et indirect

On compte... on verbalise...

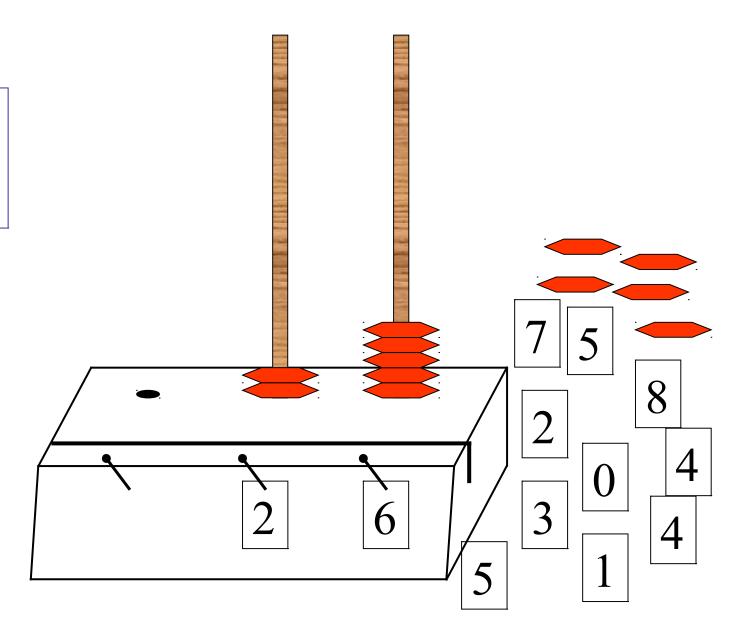




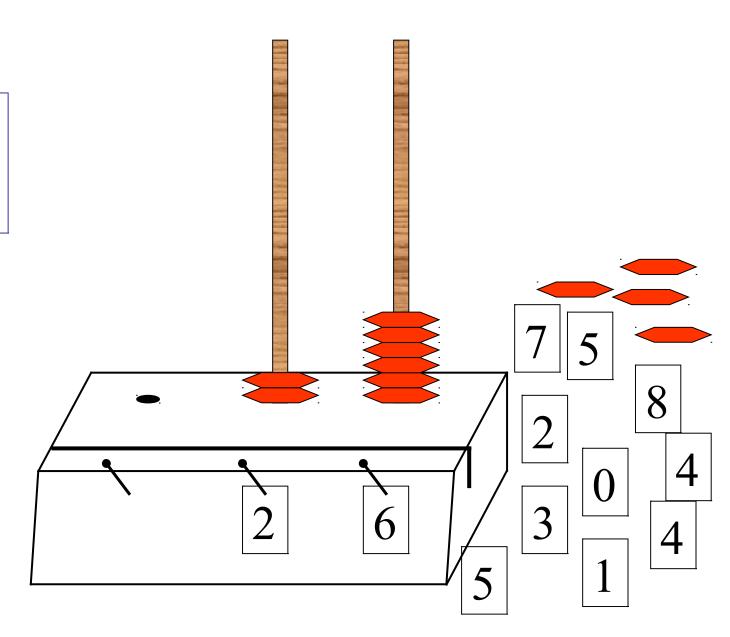
On compte... on verbalise...

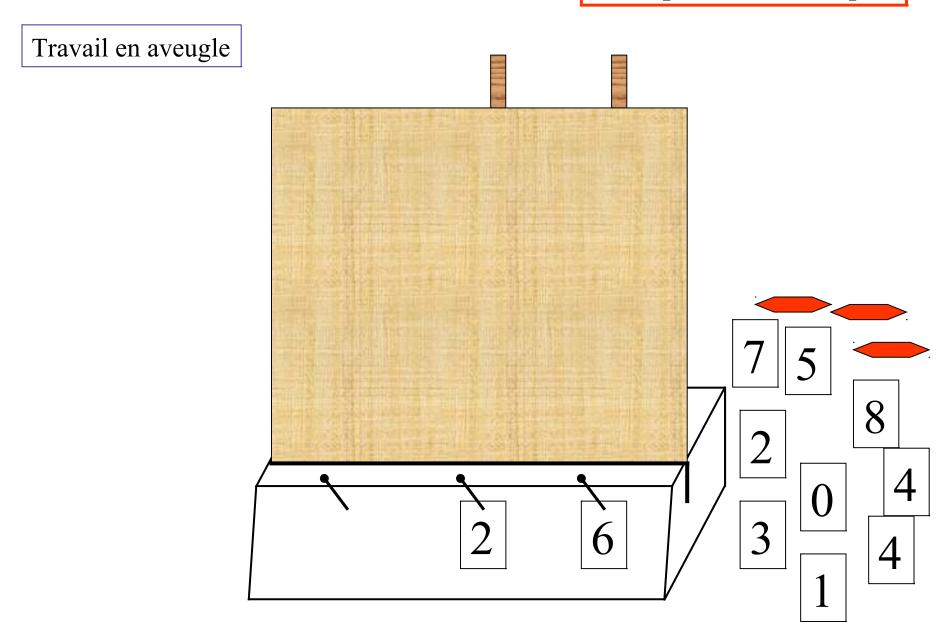


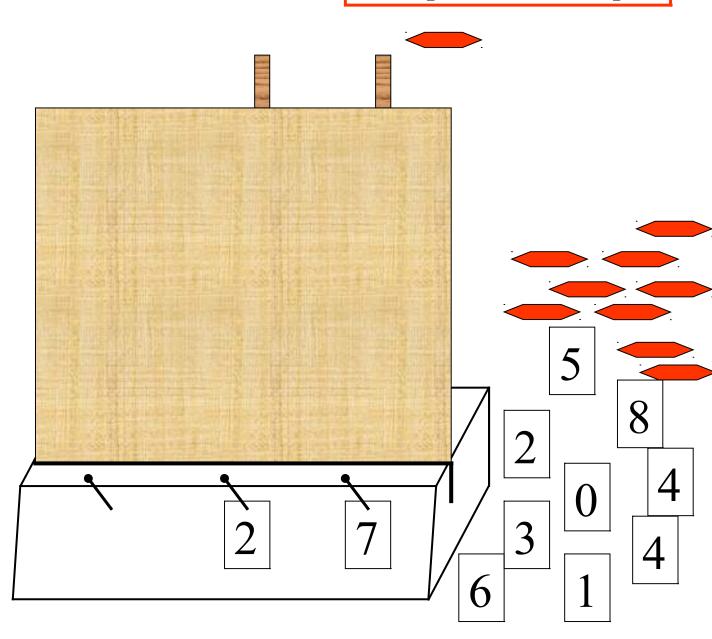
On compte... on verbalise...

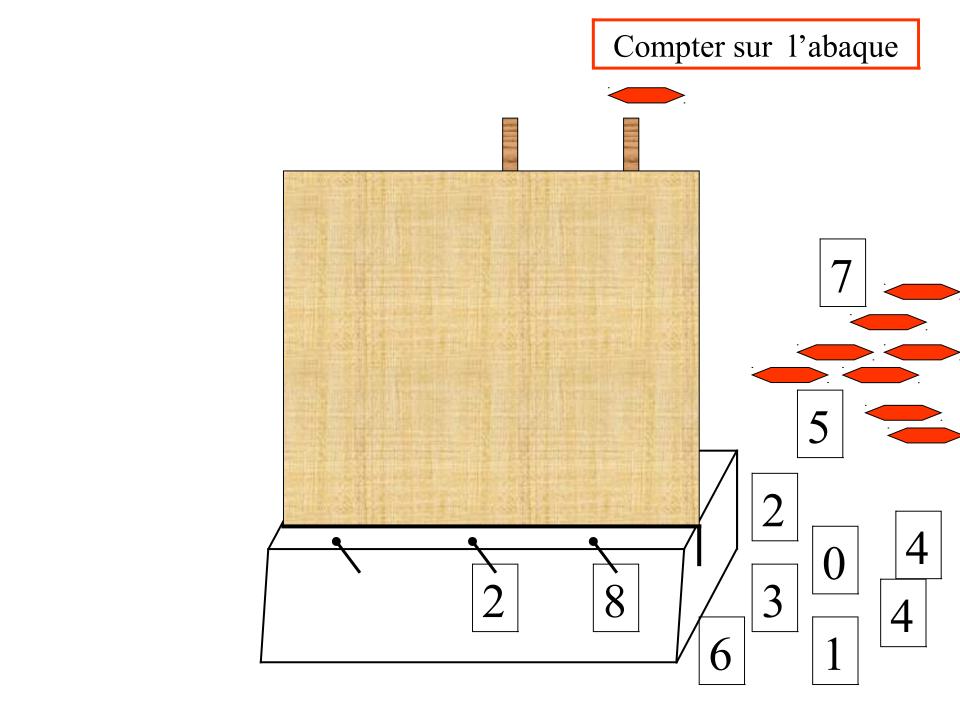


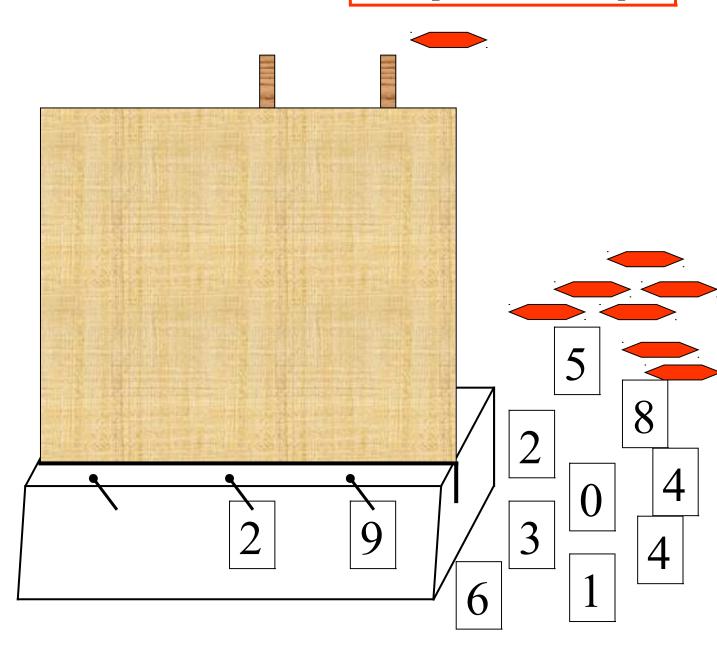
On compte... on verbalise...

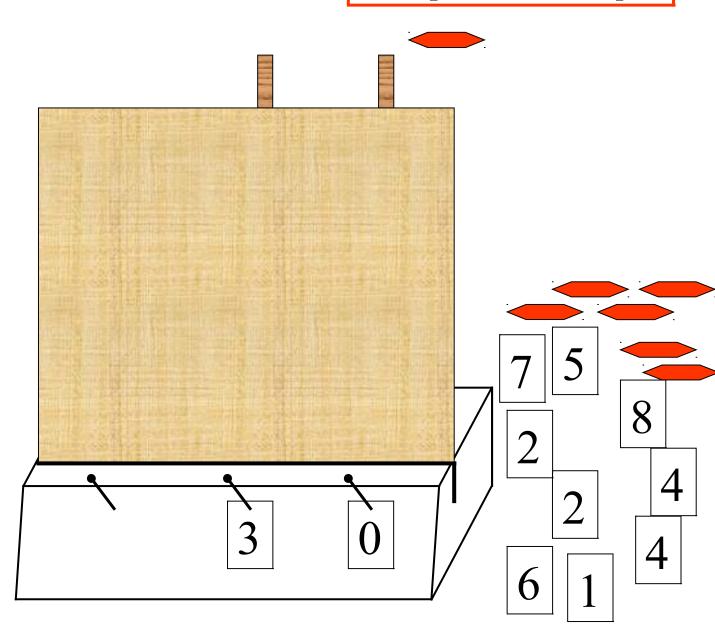


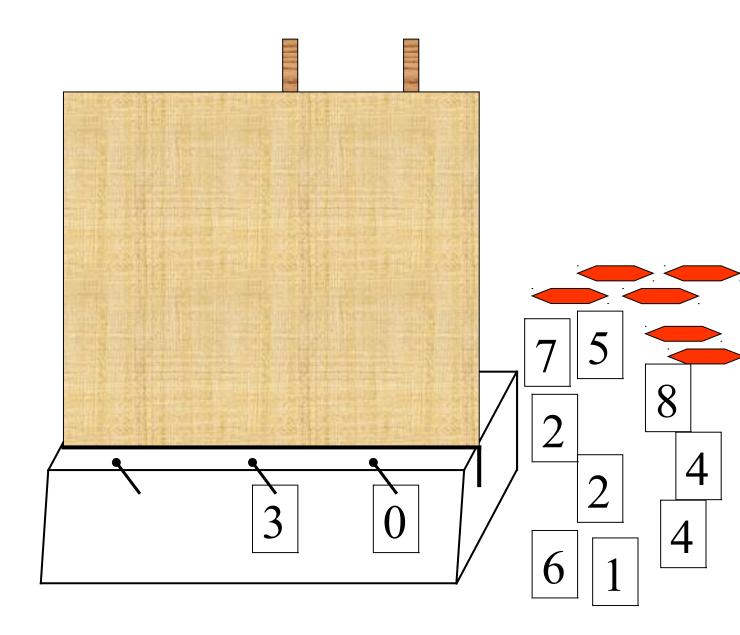


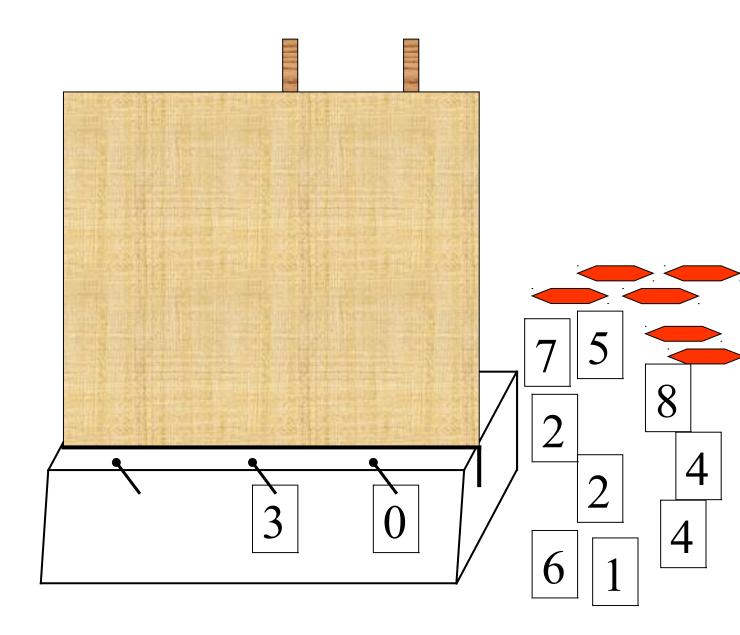


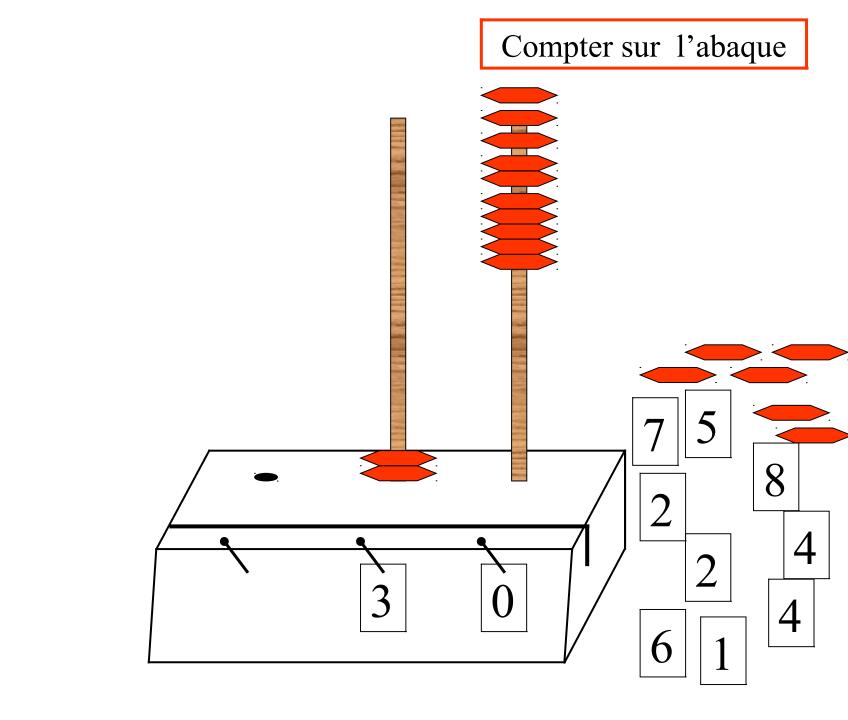


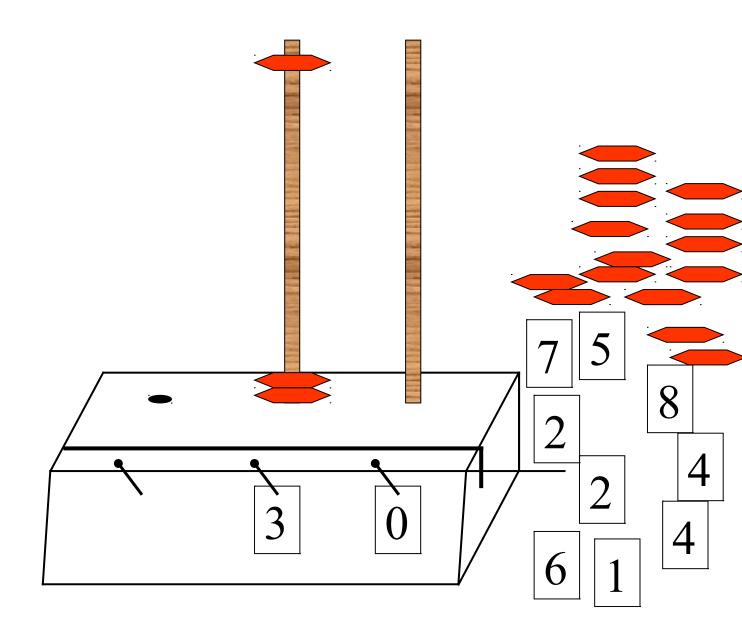


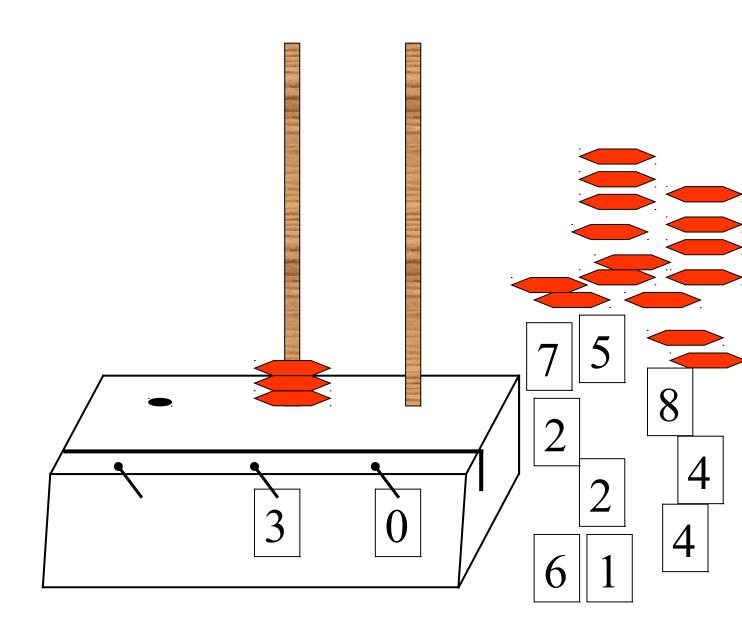


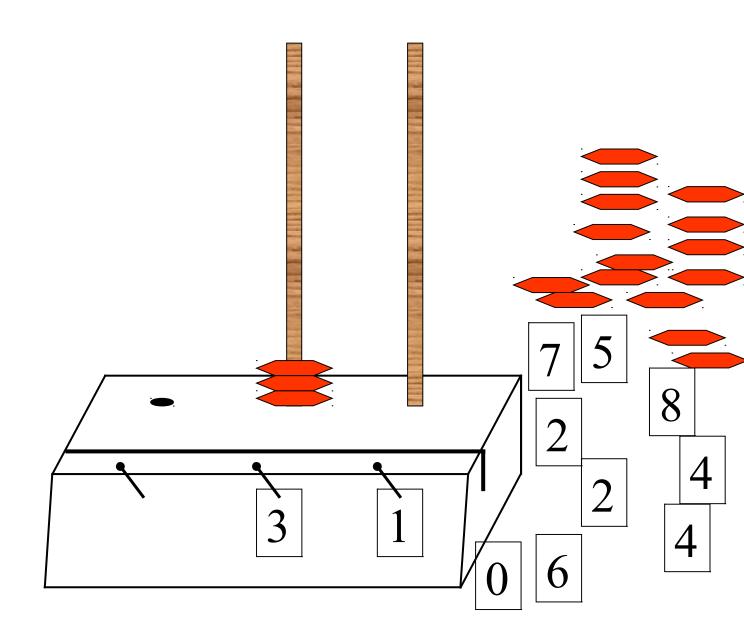


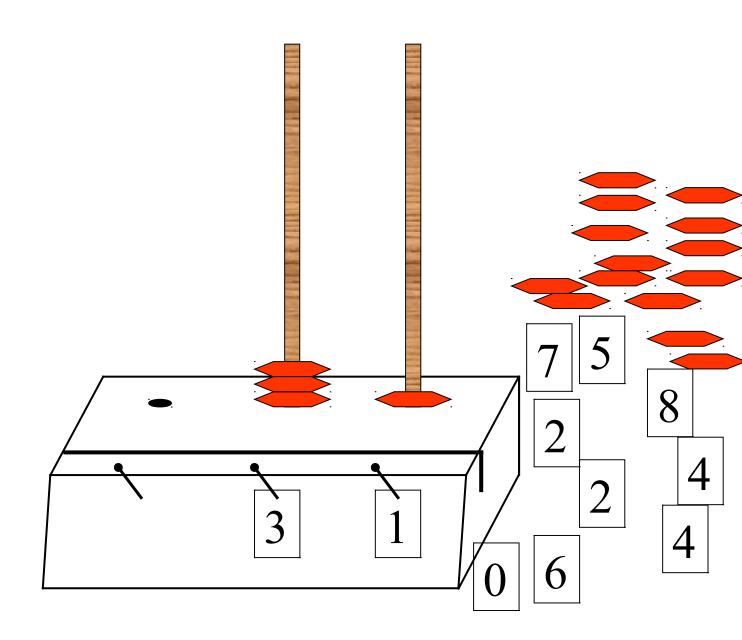


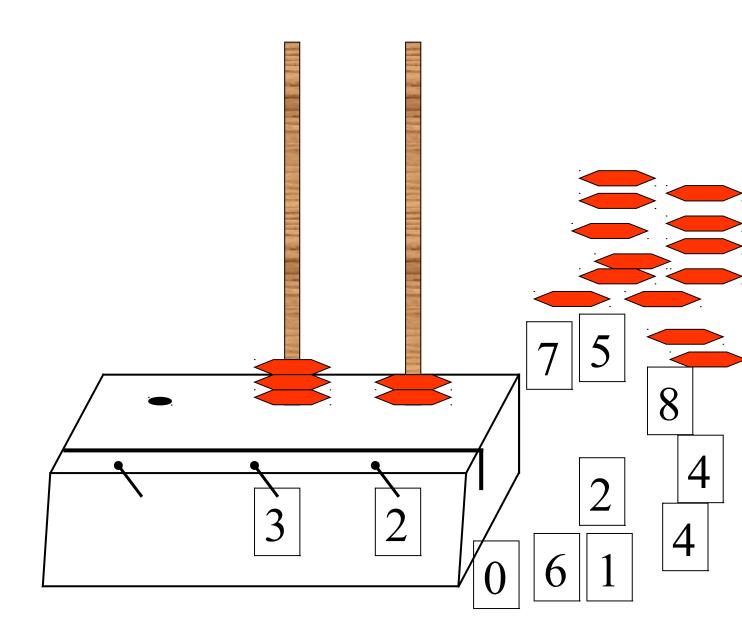


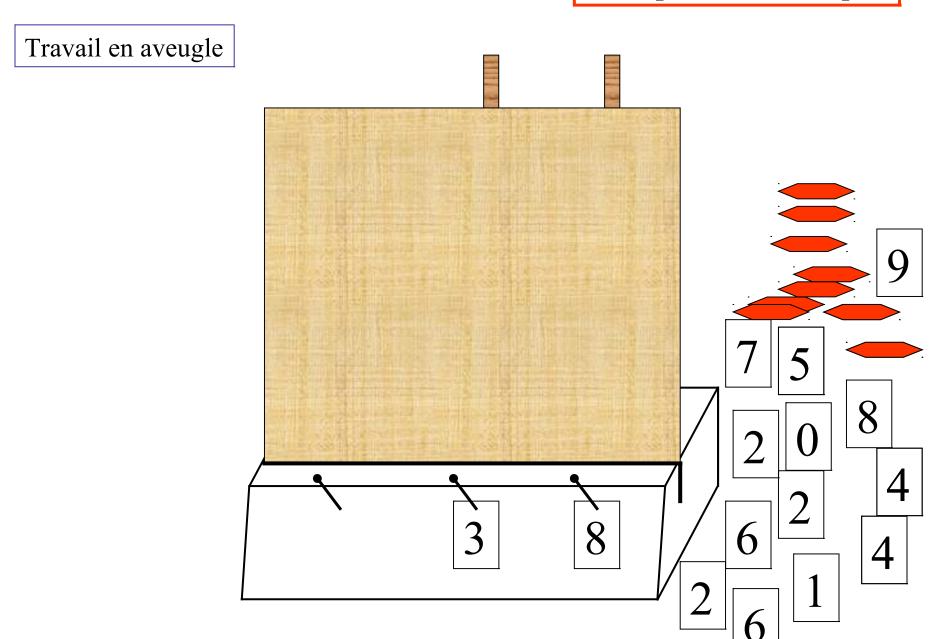


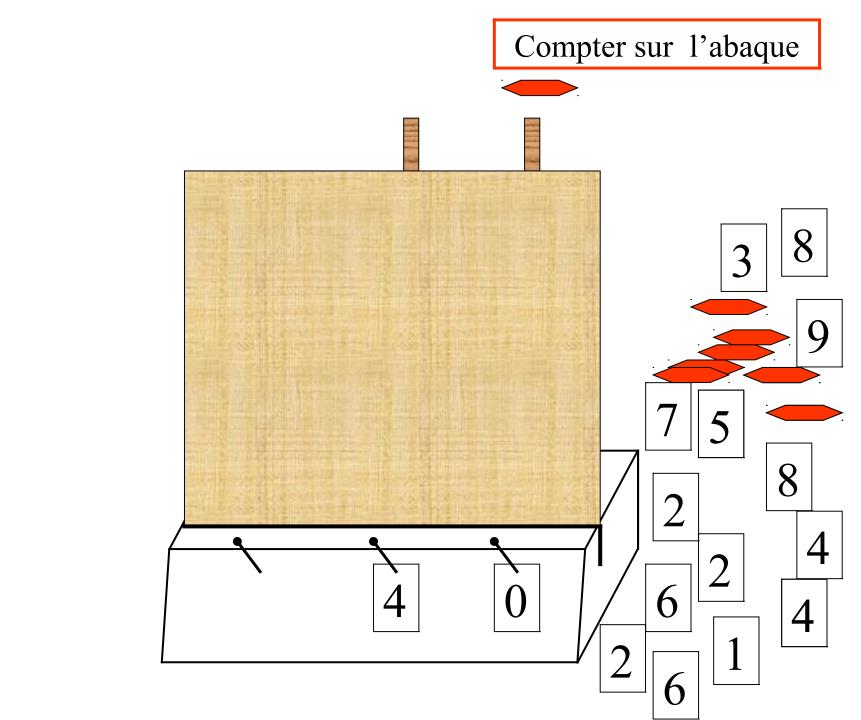


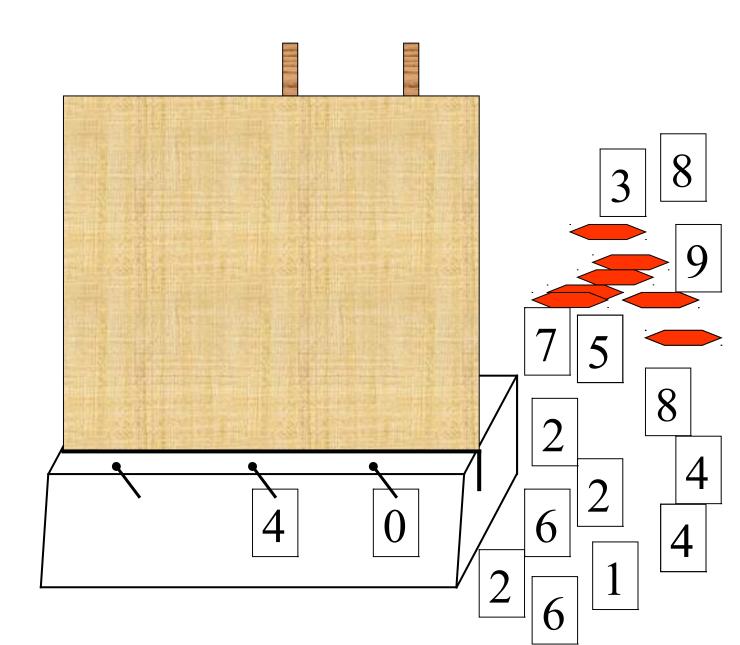




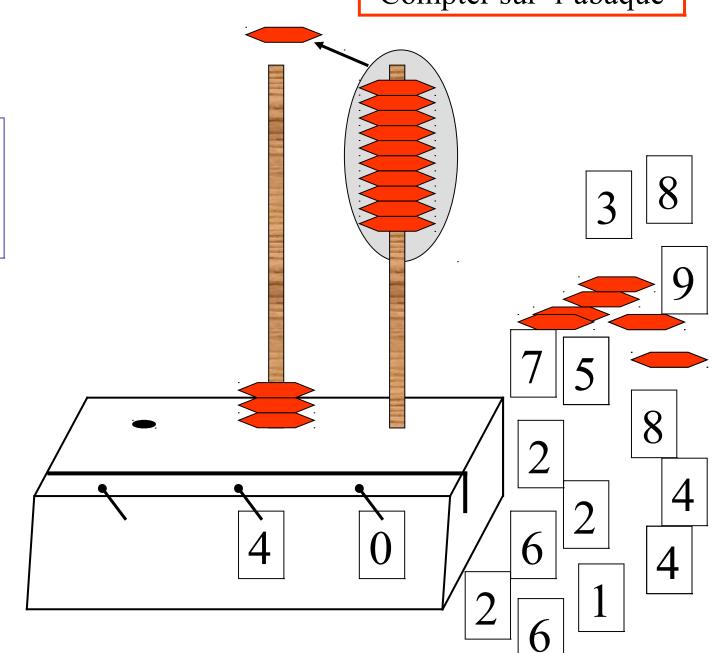




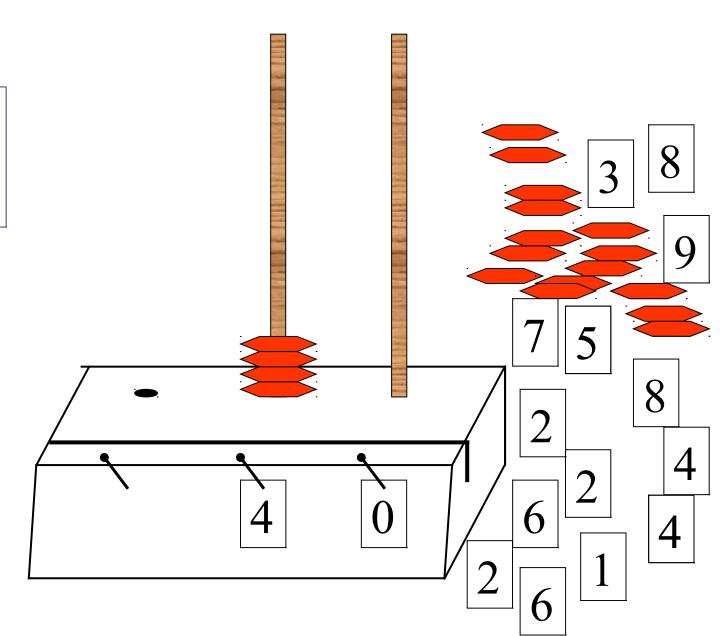




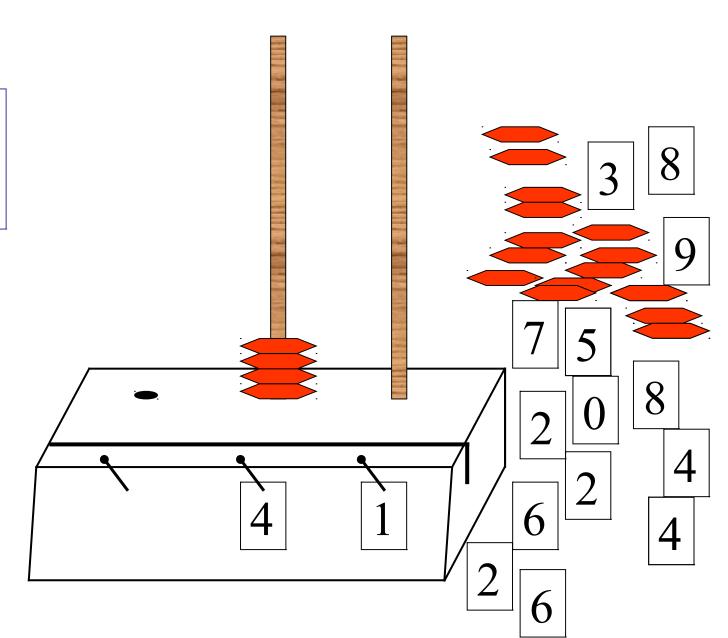
On compte... on verbalise...



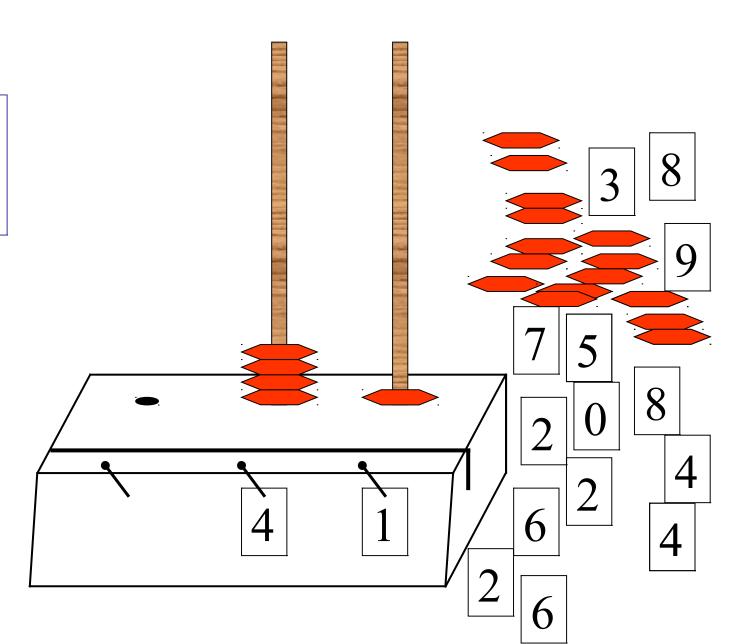
On compte... on verbalise...

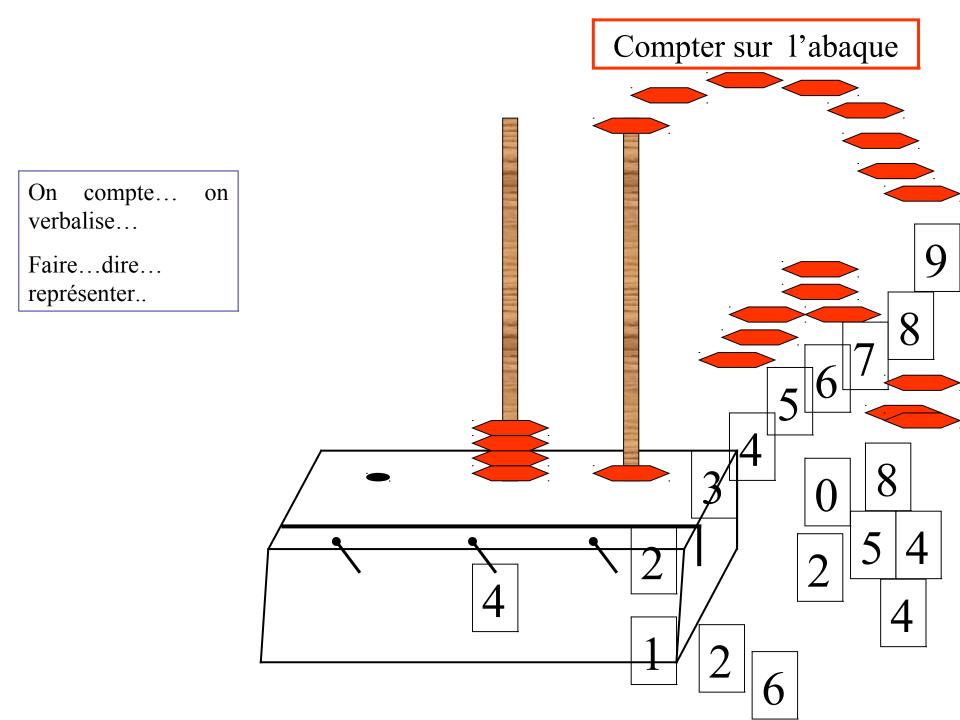


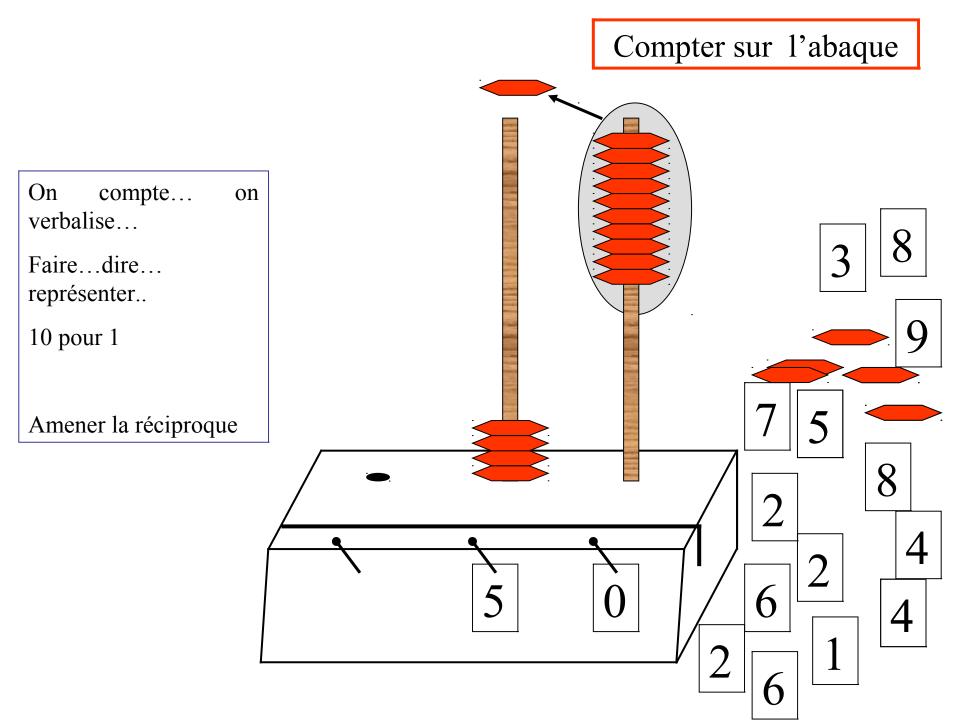
On compte... on verbalise...

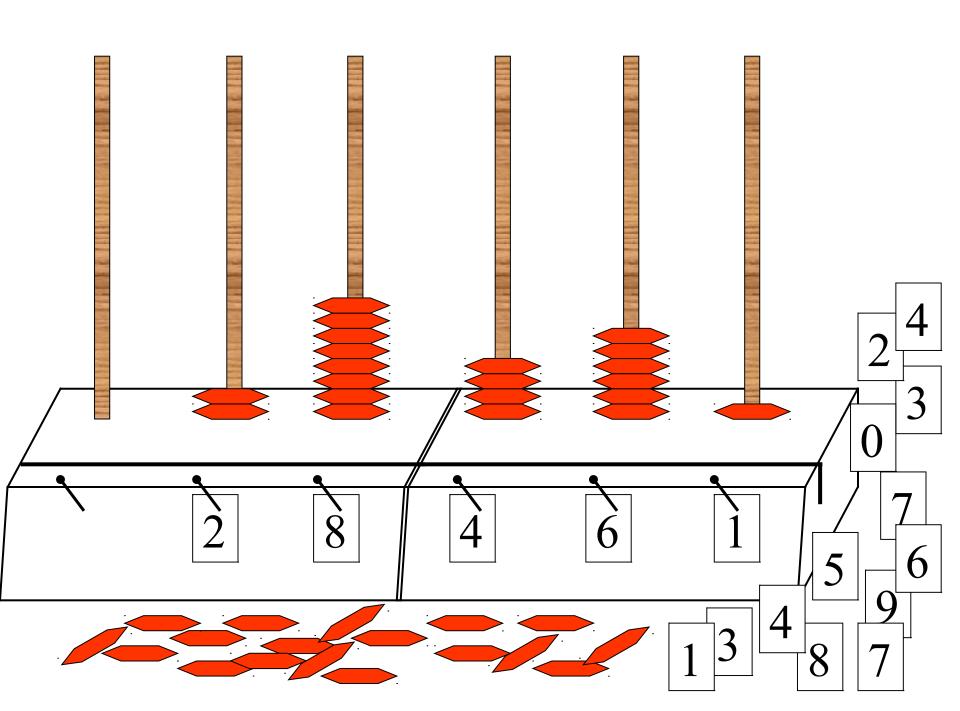


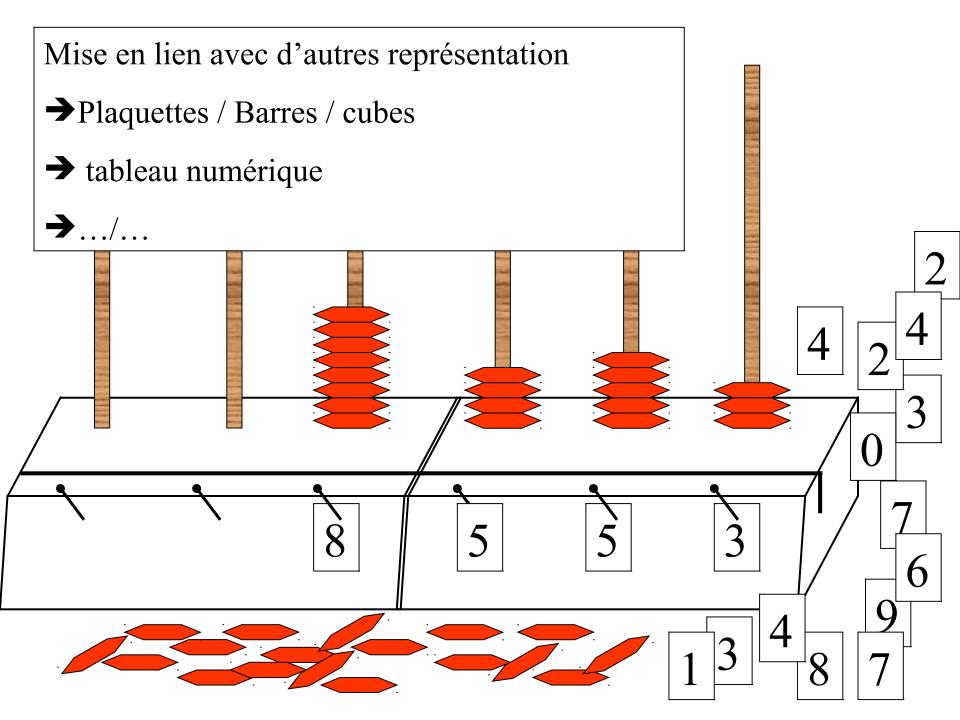
On compte... on verbalise...





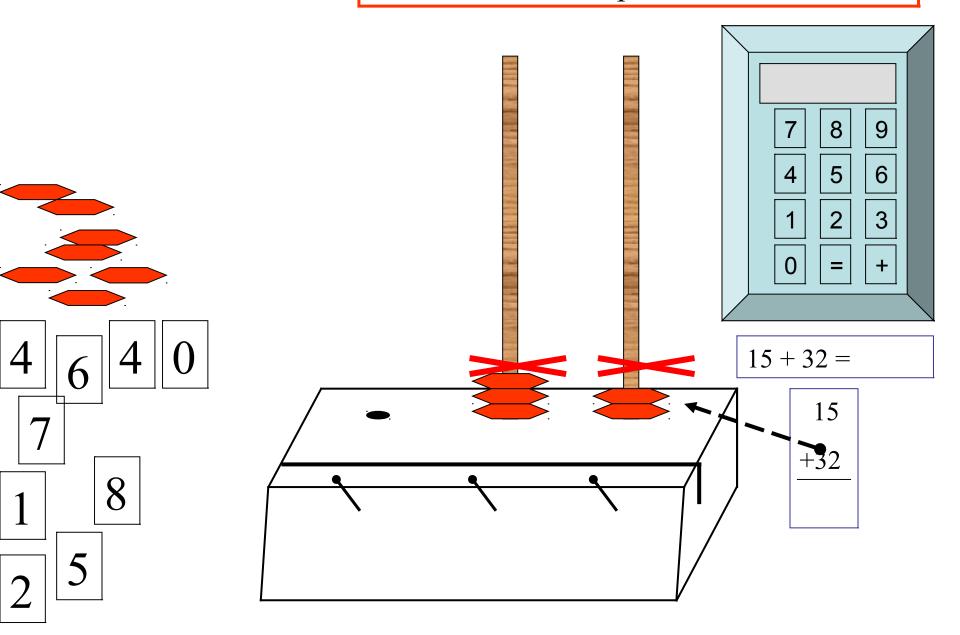


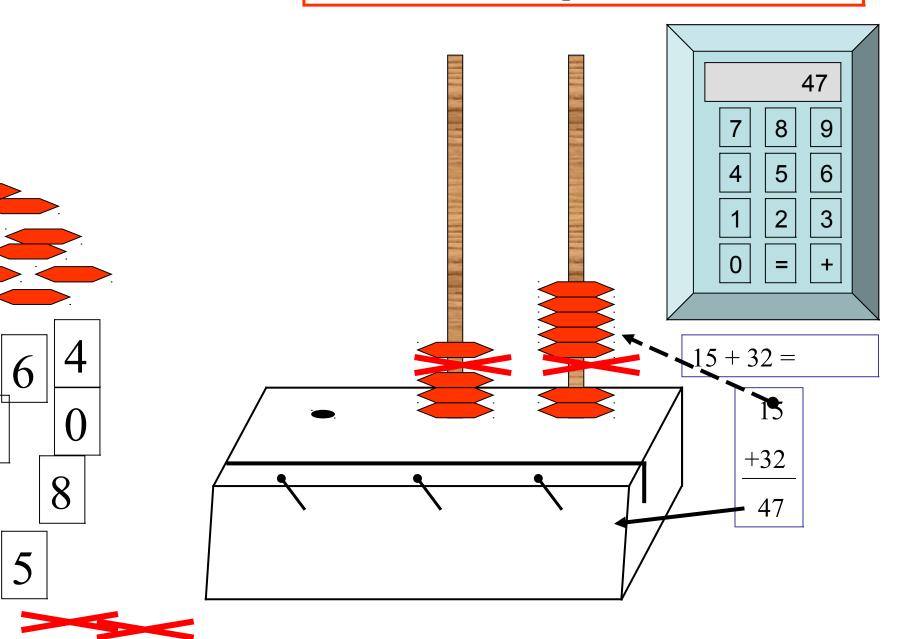


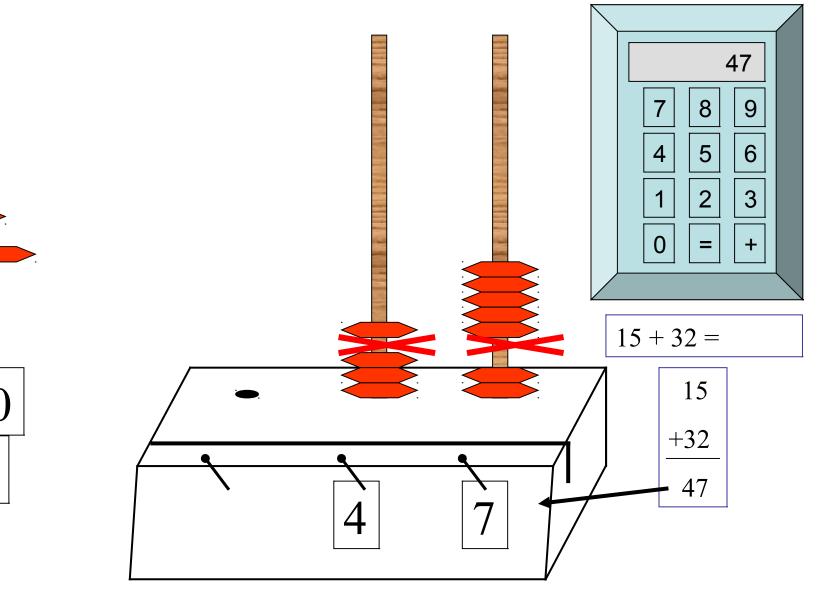


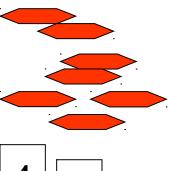
Temps 4

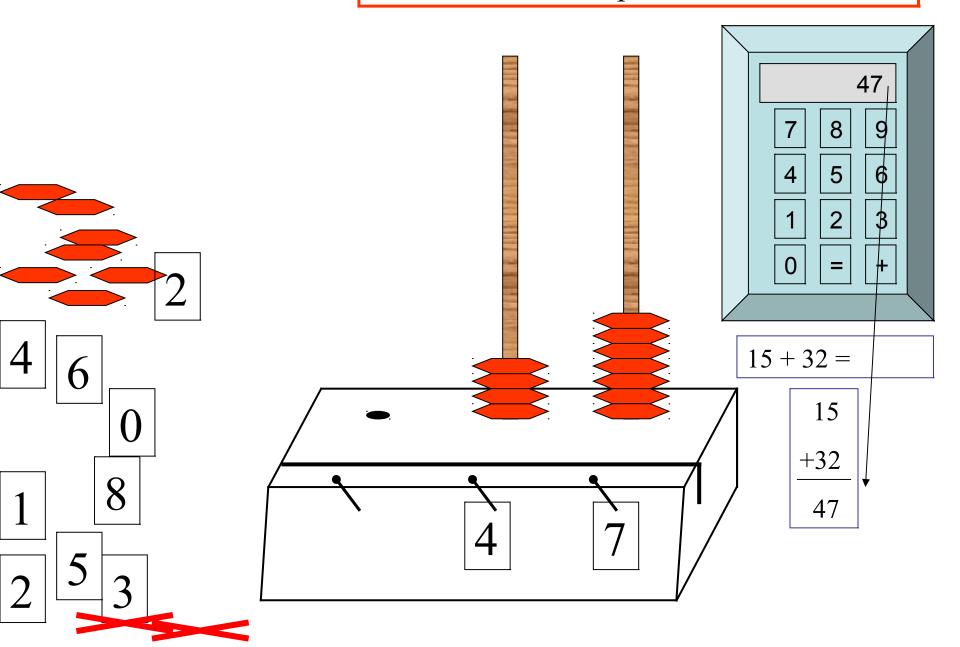
Restructuration opératoire de l'addition à partir de l'abaque

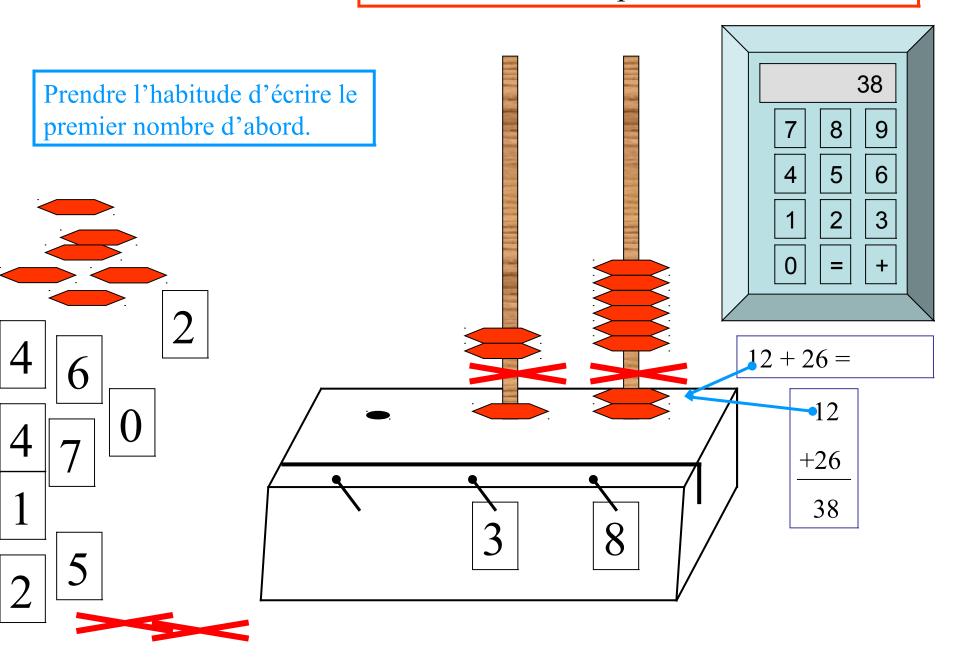


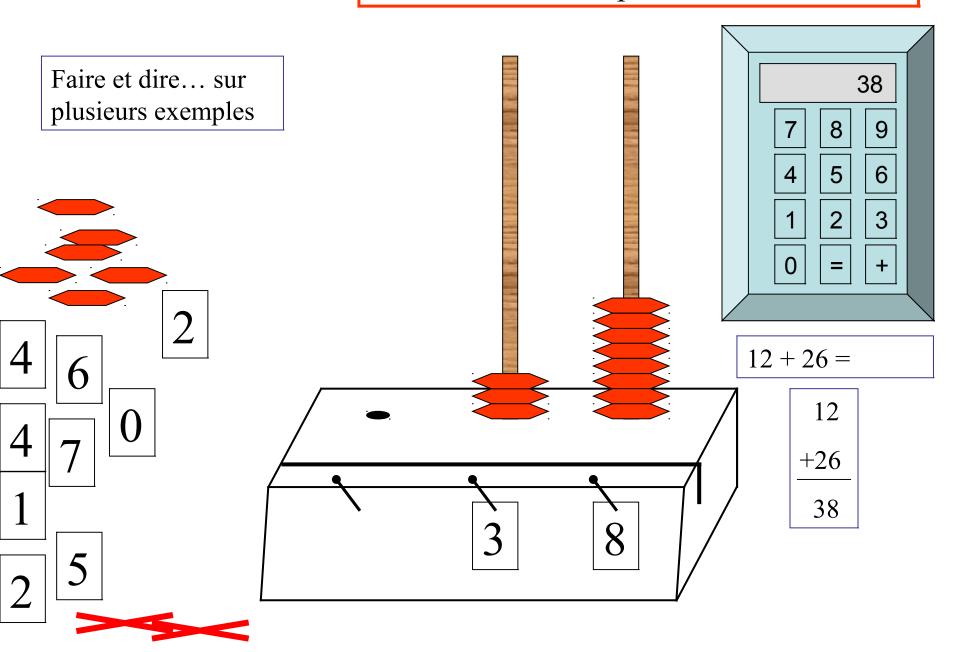


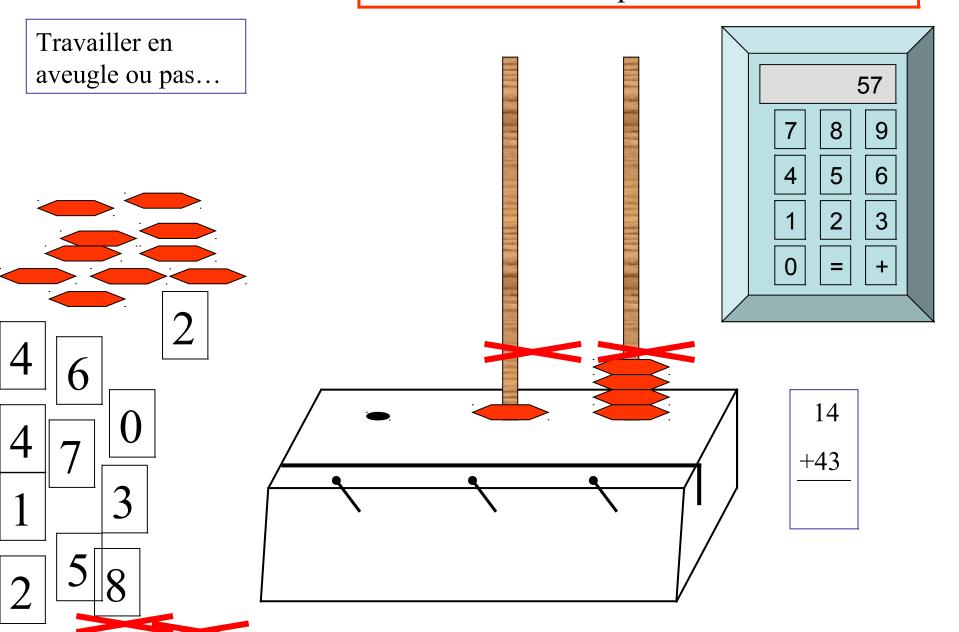


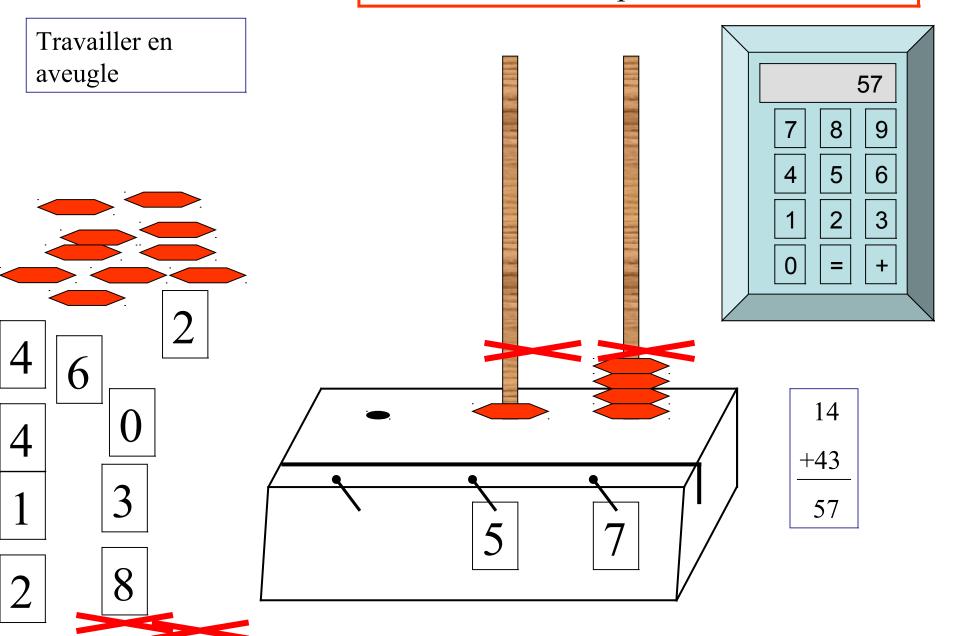


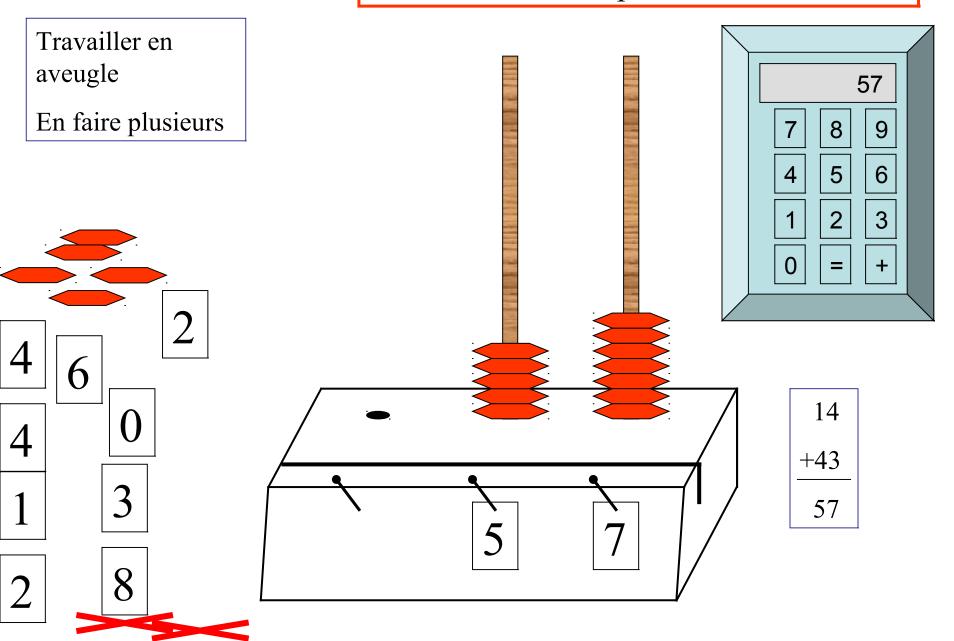


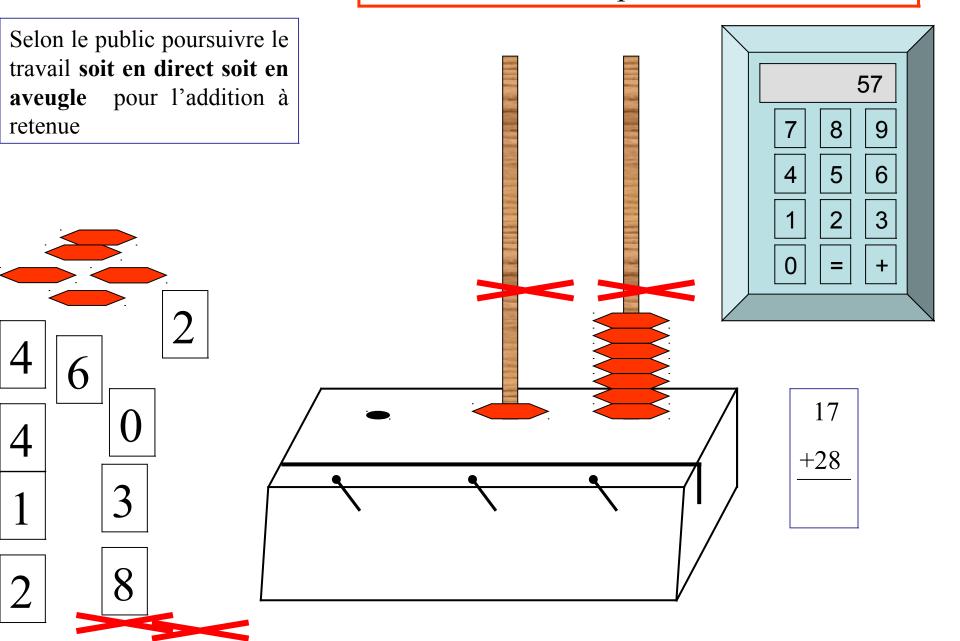


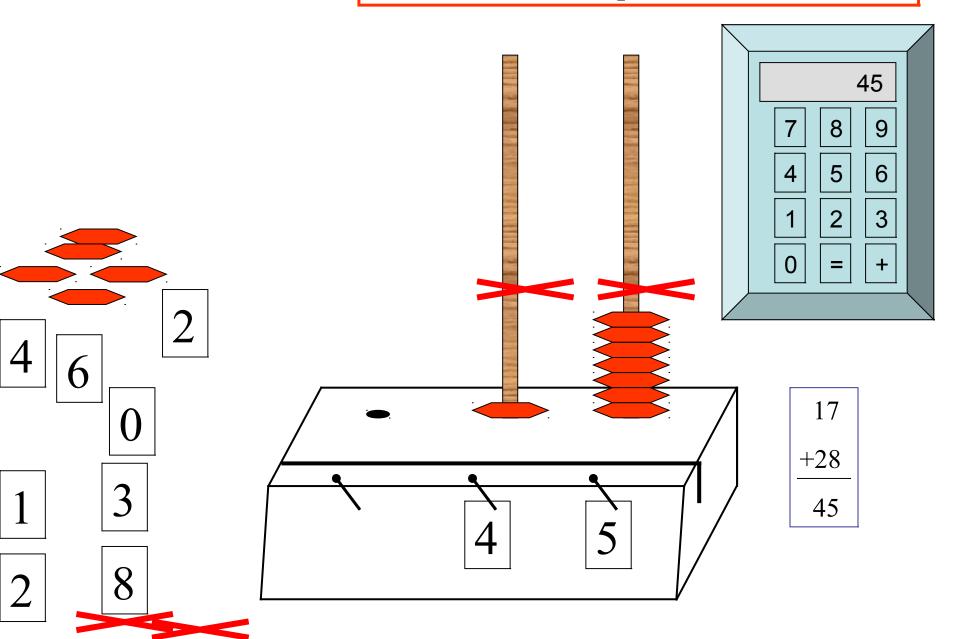


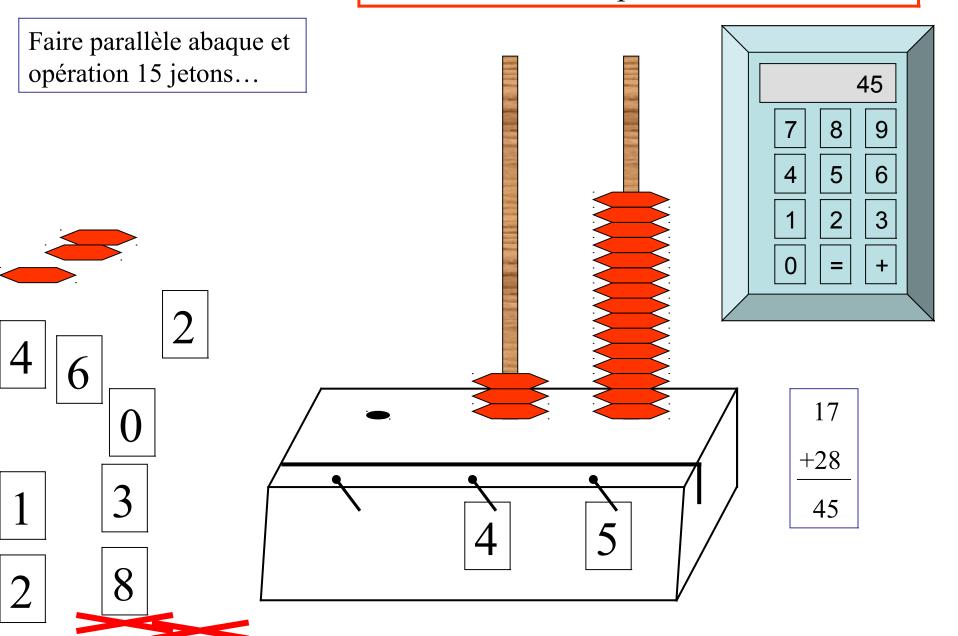


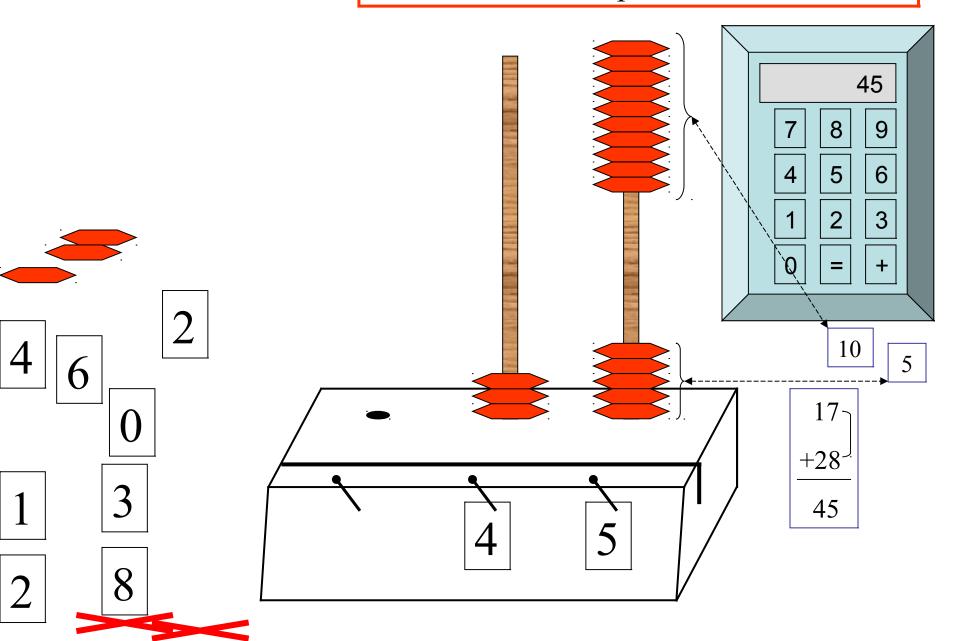


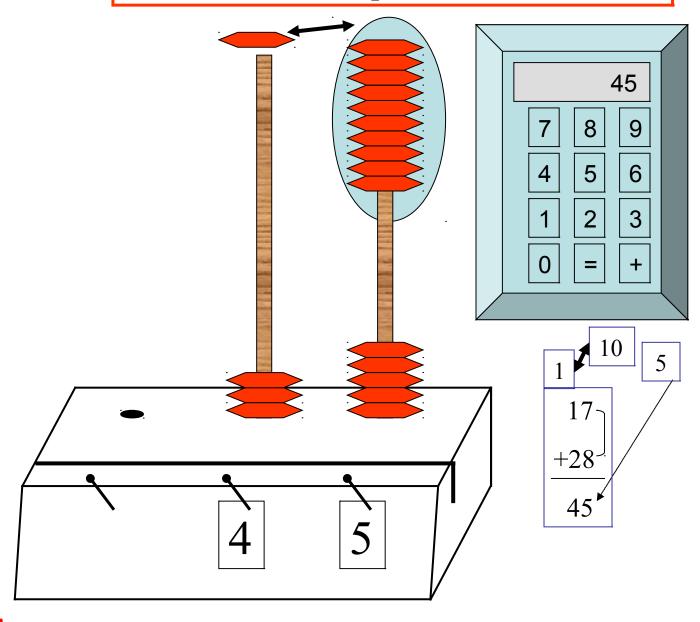


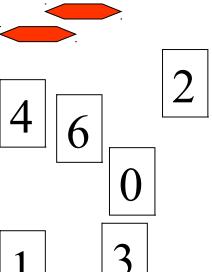


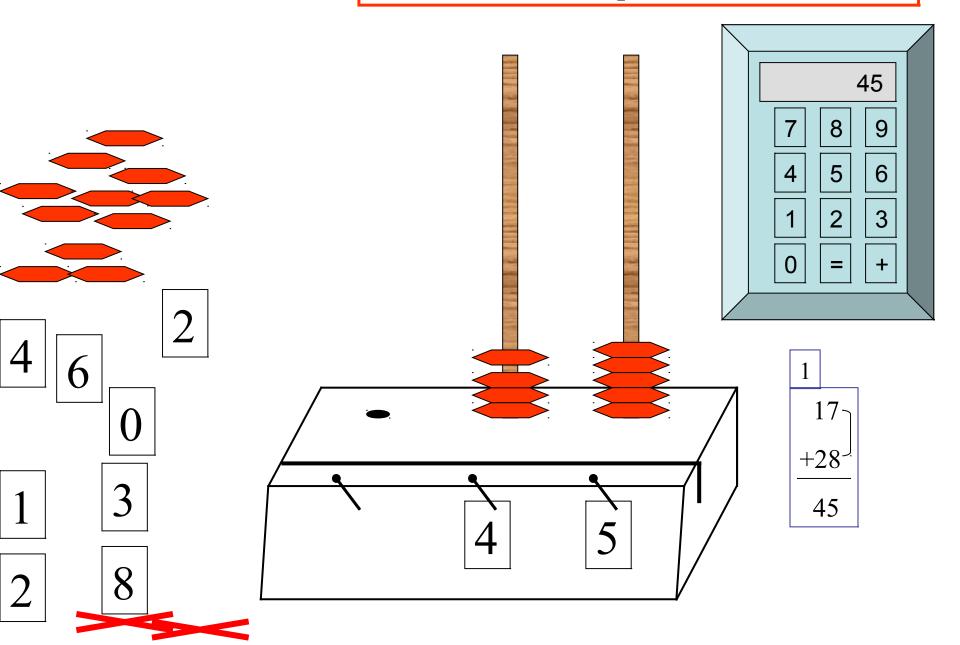


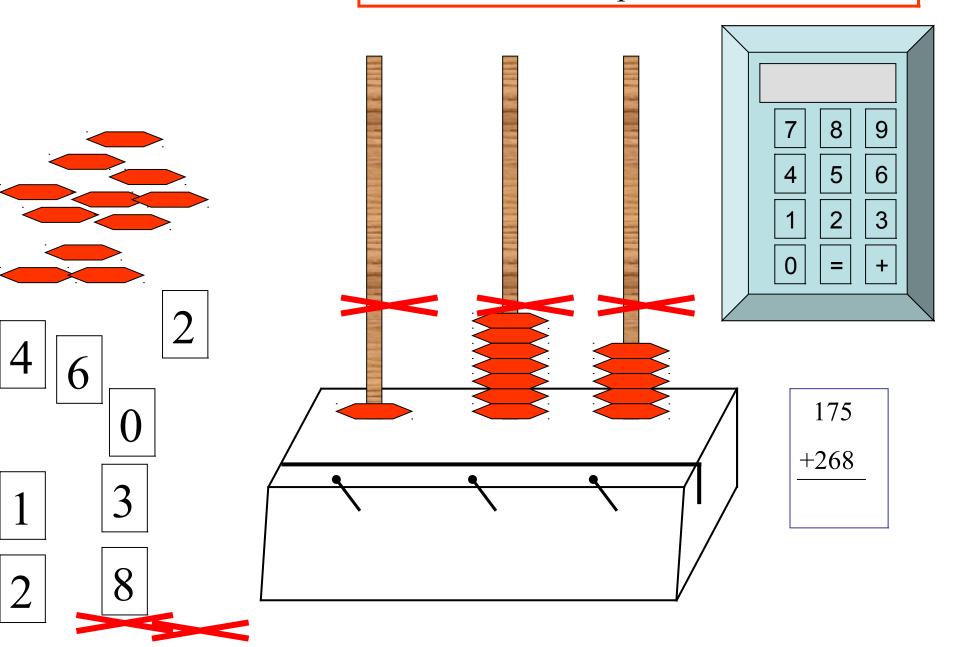












Temps 5

Restructuration opératoire de la soustraction à partir de l'abaque

