

# L'addition à retenue

Pour faire une addition, il faut poser les nombres.

Par exemple :

$$284 + 139 =$$

$$\begin{array}{r} 284 \\ + 139 \\ \hline \end{array}$$

On commence par additionner les unités:

$$9u + 4u = 13u$$

on écrit les 3 unités, on retient 1 dizaine.

$$\begin{array}{r} 284 \\ + 139 \\ \hline \end{array}$$

Diagram showing the addition of units: 4 + 9 = 13. A vertical line is drawn between the units and tens columns. An arrow points from the 13 to the 8 in the tens column, indicating a carry of 1.

On additionne ensuite les dizaines :

$$8d + 3d + 1d = 12d$$

On écrit les 2 dizaines, on retient 1 centaine.

$$\begin{array}{r} 284 \\ + 139 \\ \hline \end{array}$$

Diagram showing the addition of tens: 8 + 3 + 1 (carry) = 12. A vertical line is drawn between the tens and hundreds columns. An arrow points from the 12 to the 2 in the hundreds column, indicating a carry of 1.

Puis on additionne les centaines :

$$2c + 1c + 1c = 4c$$

On écrit les 4 centaines.

$$\begin{array}{r} 284 \\ + 139 \\ \hline 423 \end{array}$$

Attention : il faut bien aligner les nombres :

$$\begin{array}{r} c \quad d \quad u \\ 2 \quad 8 \quad 4 \\ + \quad 1 \quad 3 \quad 9 \\ \hline \end{array}$$

Diagram showing incorrect alignment of the numbers 284 and 139. A large 'X' is drawn over the entire addition, indicating it is wrong.

NON

$$\begin{array}{r} c \quad d \quad u \\ 2 \quad 8 \quad 4 \\ + 1 \quad 3 \quad 9 \\ \hline \end{array}$$

Diagram showing correct alignment of the numbers 284 and 139. The digits are aligned by place value (units, tens, hundreds).

OUI

