

Soustractions dynamiques avec les timbres

Réalise la soustraction écrite sur les lignes hiérarchiques. Utilise les timbres sur le tapis du système décimal : $4472 - 3849$

1) Place sur le tapis du système décimal les timbres correspondant à la première quantité.

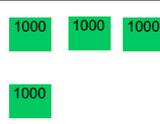
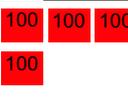
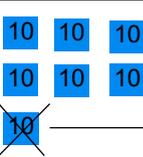
	M	C	D	U	
. . .	4	4	7	2	. . .
- -	3	8	4	9	. . .
- - - -					- - - -

m	c	d	u
<div style="display: flex; justify-content: space-around;"> 1000 1000 1000 </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> 1000 </div>	<div style="display: flex; justify-content: space-around;"> 100 100 100 </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> 100 </div>	<div style="display: flex; justify-content: space-around;"> 10 10 10 </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> 10 10 10 </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> 10 </div>	<div style="display: flex; justify-content: space-around;"> 1 1 </div>

2)

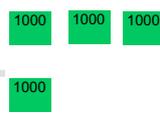
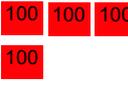
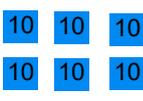
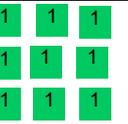
Soustraire, c'est enlever la petite quantité à la grande quantité.

*On doit enlever 9 timbres unités alors qu'on en a 2. On va donc faire un change à la banque : on change un timbre des dizaines bleu en 10 timbres unités verts.

m	c	d	u
			

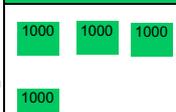
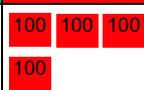
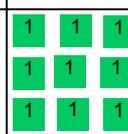
On peut alors descendre 9 timbres unités.

M	C	D	U
4	4	7	2
- 3	- 8	- 4	- 9

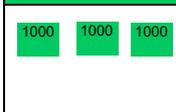
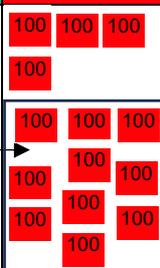
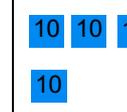
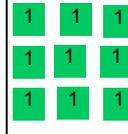
m	c	d	u
			
			

*On doit ensuite retirer 4 timbres des dizaines bleus. On en a 6. Donc pas besoin de change.

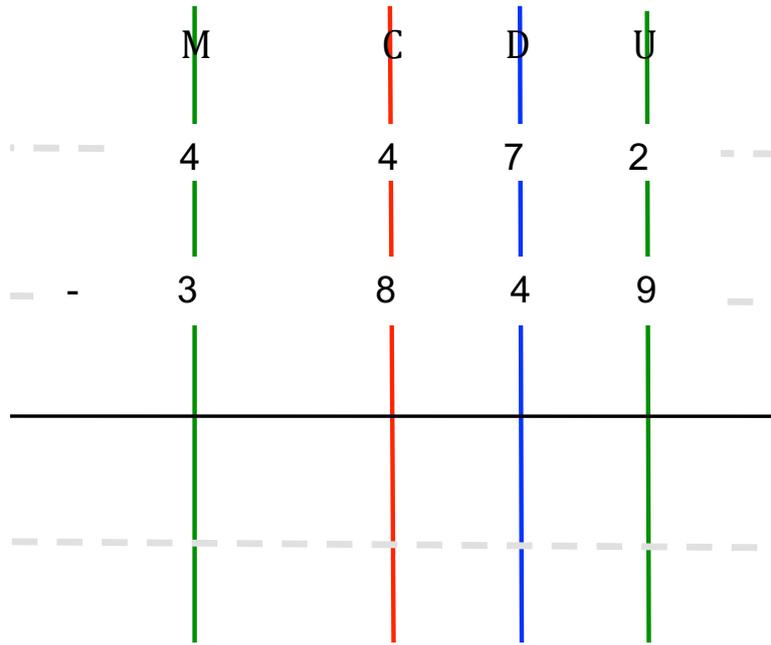
M	C	D	U
4	4	7	2
-	-	-	-
3	8	4	9

m	c	d	u
			
			

*On doit ensuite retirer 8 timbres des centaines. Mais il n'y en a que 4. On va donc changer un timbre vert des milliers en 10 timbres rouges des centaines.

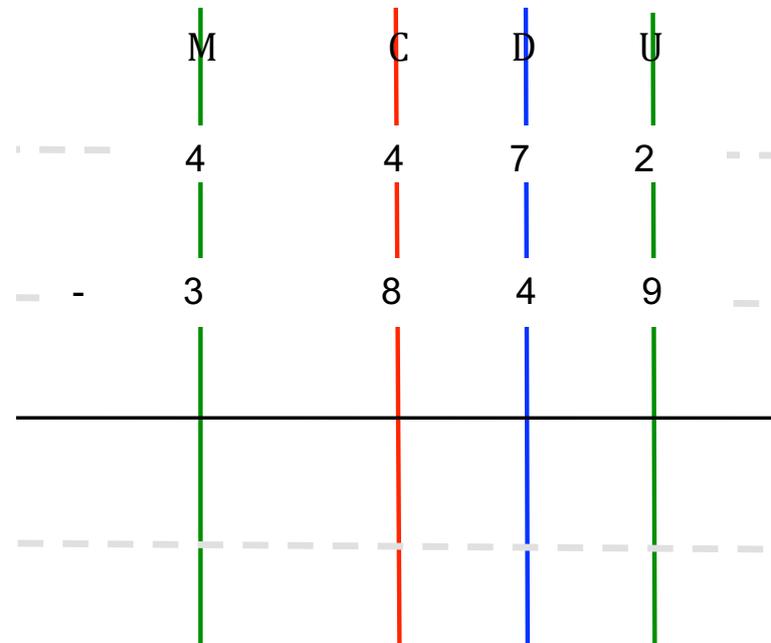
m	c	d	u
			
			

On peut alors descendre 8 timbres rouges des centaines.



m	c	d	u
1000 1000 1000	100 100 100 100 100 100	10 10	1 1 1
	100 100 100 100 100 100 100 100	10 10 10 10	1 1 1 1 1 1 1 1 1

*Il faut ensuite retirer 3 timbres verts des milliers. Comme il y en a 3, pas besoin de change.



m	c	d	u
	100 100 100 100 100 100	10 10	1 1 1
1000 1000 1000	100 100 100 100 100 100 100 100	10 10 10 10	1 1 1 1 1 1 1 1 1

3)

Le résultat de la soustraction est ce qu'il reste.

	M	C	D	U
-	4	4	7	2
-	3	8	4	9
=	0	6	2	3

m	c	d	u
<div style="display: flex; justify-content: space-around;"> 1000 1000 1000 </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 100 100 100 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 100 100 100 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 100 100 </div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 10 10 10 </div> <div style="display: flex; justify-content: center; width: 100%; margin-top: 10px;"> 10 </div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 1 1 1 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 1 1 1 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 1 1 1 </div> </div>
	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 100 100 100 </div> <div style="display: flex; justify-content: space-around; width: 100%;"> 100 100 100 </div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 10 10 </div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> 1 1 1 </div> </div>

Calcule ces soustractions avec les timbres .

$$\begin{array}{r} 36 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 745 \\ - 162 \\ \hline \end{array}$$

$$\begin{array}{r} 452 \\ - 239 \\ \hline \end{array}$$

$$\begin{array}{r} 479 \\ - 294 \\ \hline \end{array}$$

$$\begin{array}{r} 4242 \\ - 2571 \\ \hline \end{array}$$

$$\begin{array}{r} 3178 \\ - 1684 \\ \hline \end{array}$$

Auto-correction

$$\begin{array}{r} 3 6 \\ 1 8 \\ \hline 1 8 \end{array}$$

$$\begin{array}{r} 7 4 5 \\ 1 6 2 \\ \hline 5 8 3 \end{array}$$

$$\begin{array}{r} 4 5 2 \\ 2 3 9 \\ \hline 2 1 3 \end{array}$$

$$\begin{array}{r} 4 7 9 \\ 2 9 4 \\ \hline 1 8 5 \end{array}$$

$$\begin{array}{r} 4 2 4 2 \\ 2 5 7 1 \\ \hline 1 6 7 1 \end{array}$$

$$\begin{array}{r} 3 1 7 8 \\ 1 6 8 4 \\ \hline 1 4 9 4 \end{array}$$

Calcule ces soustractions avec les timbres.

$$\begin{array}{r} 3 \quad 5 \quad 4 \quad 3 \\ - 1 \quad 8 \quad 1 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 7 \quad 2 \quad 6 \\ - 1 \quad 2 \quad 4 \quad 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 5 \quad 0 \quad 3 \\ - 2 \quad 4 \quad 3 \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 0 \quad 6 \quad 8 \\ - 1 \quad 1 \quad 8 \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 1 \quad 5 \quad 3 \\ - 2 \quad 4 \quad 8 \quad 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 2 \quad 6 \quad 9 \\ - 1 \quad 8 \quad 9 \quad 3 \\ \hline \end{array}$$

Auto-correction

$$\begin{array}{r} 3 \quad 5 \quad 4 \quad 3 \\ - \quad 1 \quad 8 \quad 1 \quad 5 \\ \hline 1 \quad 7 \quad 2 \quad 8 \end{array}$$

$$\begin{array}{r} 2 \quad 7 \quad 2 \quad 6 \\ - \quad 1 \quad 2 \quad 4 \quad 1 \\ \hline 1 \quad 4 \quad 8 \quad 5 \end{array}$$

$$\begin{array}{r} 4 \quad 5 \quad 0 \quad 3 \\ - \quad 2 \quad 4 \quad 3 \quad 7 \\ \hline 2 \quad 0 \quad 6 \quad 6 \end{array}$$

$$\begin{array}{r} 2 \quad 0 \quad 6 \quad 8 \\ - \quad 1 \quad 1 \quad 8 \quad 2 \\ \hline 0 \quad 8 \quad 8 \quad 6 \end{array}$$

$$\begin{array}{r} 7 \quad 1 \quad 5 \quad 3 \\ - \quad 2 \quad 4 \quad 8 \quad 1 \\ \hline 4 \quad 6 \quad 7 \quad 2 \end{array}$$

$$\begin{array}{r} 3 \quad 2 \quad 6 \quad 9 \\ - \quad 1 \quad 8 \quad 9 \quad 3 \\ \hline 1 \quad 3 \quad 7 \quad 6 \end{array}$$