

♥ Opérations et nombres décimaux.

Exercice 1 : Pose et effectue les trois additions suivantes :

- $78,154 + 502,74$
- $2\,659,8 + 646,55$
- $8\,573,1 + 246,89$

Exercice 2 : Pose et effectue les trois soustractions suivantes :

- $77,672 - 71,99$
- $968,13 - 52,396$
- $7\,935,6 - 1,289$

Exercice 3 : Pose et effectue les trois multiplications suivantes :

- $3,152 \times 41,13$
- $788,7 \times 11,5$
- $8,02 \times 249,6$

Exercice 4 : Pose et effectue les trois divisions suivantes : (Arrondir aux centièmes)

- $3\,397 : 3 = ?$
- $50,43 : 63 = ?$
- $861,8 : 854 = ?$

♥ Opérations et nombres décimaux. - Correction -

Exercice 2 : Pose et effectue les trois soustractions suivantes :

- $77,672 - 71,99 = 5,682$

$$\begin{array}{r}
 77,672 \\
 - 71,99 \\
 \hline
 5,682
 \end{array}$$

Detailed description: A vertical subtraction problem. The top number is 77,672 with a red '1' above the 6 and another red '1' above the 7. The bottom number is 71,99. A horizontal line is drawn below the bottom number. The result is 5,682. Red '1's are placed above the 6 and 8 in the result, indicating borrowing from the 7 in the tenths place.

- $968,13 - 52,396 = 915,734$

$$\begin{array}{r}
 968,130 \\
 - 52,396 \\
 \hline
 915,734
 \end{array}$$

Detailed description: A vertical subtraction problem. The top number is 968,130 with red '1's above the 1, 3, and 0. The bottom number is 52,396. A horizontal line is drawn below the bottom number. The result is 915,734. Red '1's are placed above the 7, 3, and 4 in the result, indicating borrowing from the 1 in the tenths place.

- $7935,6 - 1,289 = 7934,311$

$$\begin{array}{r}
 7935,600 \\
 - 1,289 \\
 \hline
 7934,311
 \end{array}$$

Detailed description: A vertical subtraction problem. The top number is 7935,600 with red '1's above the 0 and 0. The bottom number is 1,289. A horizontal line is drawn below the bottom number. The result is 7934,311. Red '1's are placed above the 3 and 1 in the result, indicating borrowing from the 6 in the tenths place.

♥ Opérations et nombres décimaux. - Correction -

Exercice 3 : Pose et effectue les trois multiplications suivantes :

- $3,152 \times 41,13 = 129,64176$

$$\begin{array}{r}
 \times \quad 3,152 \\
 \quad 41,13 \\
 \hline
 \quad \quad 9456 \\
 \quad 3152 \\
 3152 \\
 \hline
 12608 \\
 \hline
 129,64176
 \end{array}$$

- $788,7 \times 11,5 = 9070,05$

$$\begin{array}{r}
 \times \quad 788,7 \\
 \quad 11,50 \\
 \hline
 \quad \quad \quad 0 \\
 \quad 39435 \\
 \quad 7887 \\
 7887 \\
 \hline
 9070,050
 \end{array}$$

- $8,02 \times 249,6 = 2001,792$

$$\begin{array}{r}
 \times \quad 8,02 \\
 \quad 249,6 \\
 \hline
 \quad \quad 4812 \\
 \quad 7218 \\
 3208 \\
 \hline
 1604 \\
 \hline
 2001,792
 \end{array}$$

♥ Opérations et nombres décimaux. - Correction -

Exercice 4 : Pose et effectue les trois divisions suivantes : (Arrondir aux centièmes)

$$\begin{array}{r}
 3397,000 \\
 03 \\
 09 \\
 07 \\
 10 \\
 10 \\
 10 \\
 1
 \end{array}
 \begin{array}{l}
 3 \\
 \hline
 1132,333
 \end{array}$$

3 397 : 3 ≈ 1 132 , 33

$$\begin{array}{r}
 50,430 \\
 03 \\
 30
 \end{array}
 \begin{array}{l}
 63 \\
 \hline
 0,8
 \end{array}$$

50 , 43 : 63 ≈ 0 , 8

$$\begin{array}{r}
 861,800 \\
 78 \\
 780 \\
 7800 \\
 114
 \end{array}
 \begin{array}{l}
 854 \\
 \hline
 1,009
 \end{array}$$

861 , 8 : 854 ≈ 1 , 01