

♥ Opérations et nombres décimaux.

Exercice 1 : Pose et effectue les trois additions suivantes :

- $100,38 + 2\,684,1$
- $5\,203,8 + 49,253$
- $59,733 + 173,38$

Exercice 2 : Pose et effectue les trois soustractions suivantes :

- $5\,098,5 - 2,213$
- $5\,581,6 - 41,895$
- $9\,252,8 - 53,158$

Exercice 3 : Pose et effectue les trois multiplications suivantes :

- $69,43 \times 8,778$
- $324,2 \times 80,41$
- $6,727 \times 5,933$

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

- $20,34 : 5 = ?$
- $27,12 : 98 = ?$
- $4,283 : 953 = ?$

♥ Opérations et nombres décimaux.- Correction -

Exercice 1 : Pose et effectue les trois additions suivantes :

- $100,38 + 2\,684,1 = 2\,784,48$

$$\begin{array}{r} + \quad 100,38 \\ 2\,684,1 \\ \hline 2\,784,48 \end{array}$$

- $5\,203,8 + 49,253 = 5\,253,053$

$$\begin{array}{r} + \quad 5\,203,8 \\ \quad \quad 49,253 \\ \hline 5\,253,053 \end{array}$$

- $59,733 + 173,38 = 233,113$

$$\begin{array}{r} + \quad 59,733 \\ 173,38 \\ \hline 233,113 \end{array}$$

♥ Opérations et nombres décimaux. - Correction -

Exercice 2 : Pose et effectue les trois soustractions suivantes :

- $5\,098,5 - 2,213 = 5\,096,287$

$$\begin{array}{r}
 5\,098,5 - 2,213 \\
 \hline
 5\,096,287
 \end{array}$$

Detailed description: A vertical subtraction problem. The first number is 5 098,5 and the second is 2,213. The result is 5 096,287. Red '1' marks indicate borrowing: one from the 5 in the tens place to the 8 in the units place, one from the 0 in the tenths place to the 5 in the hundredths place, and one from the 9 in the hundredths place to the 8 in the thousandths place.

- $5\,581,6 - 41,895 = 5\,539,705$

$$\begin{array}{r}
 5\,581,6 - 41,895 \\
 \hline
 5\,539,705
 \end{array}$$

Detailed description: A vertical subtraction problem. The first number is 5 581,6 and the second is 41,895. The result is 5 539,705. Red '1' marks indicate borrowing: one from the 1 in the units place to the 6 in the tenths place, one from the 8 in the tenths place to the 9 in the hundredths place, one from the 5 in the hundredths place to the 0 in the thousandths place, and one from the 5 in the tens place to the 8 in the units place.

- $9\,252,8 - 53,158 = 9\,199,642$

$$\begin{array}{r}
 9\,252,8 - 53,158 \\
 \hline
 9\,199,642
 \end{array}$$

Detailed description: A vertical subtraction problem. The first number is 9 252,8 and the second is 53,158. The result is 9 199,642. Red '1' marks indicate borrowing: one from the 2 in the units place to the 8 in the tenths place, one from the 5 in the tenths place to the 5 in the hundredths place, one from the 2 in the hundredths place to the 8 in the thousandths place, and one from the 9 in the thousands place to the 2 in the hundreds place.

♥ Opérations et nombres décimaux. - Correction -

Exercice 3 : Pose et effectue les trois multiplications suivantes :

- $69,43 \times 8,778 = 609,45654$

$$\begin{array}{r}
 \times \quad 69,43 \\
 \quad 8,778 \\
 \hline
 \quad \quad 55544 \\
 \quad 48601 \\
 48601 \\
 55544 \\
 \hline
 609,45654
 \end{array}$$

- $324,2 \times 80,41 = 26068,922$

$$\begin{array}{r}
 \times \quad 324,2 \\
 \quad 80,41 \\
 \hline
 \quad \quad 3242 \\
 \quad 12968 \\
 \quad \quad 0 \\
 25936 \\
 \hline
 26068,922
 \end{array}$$

- $6,727 \times 5,933 = 39,911291$

$$\begin{array}{r}
 \times \quad 6,727 \\
 \quad 5,933 \\
 \hline
 \quad \quad 20181 \\
 \quad 20181 \\
 \quad 60543 \\
 33635 \\
 \hline
 39,911291
 \end{array}$$

♥ Opérations et nombres décimaux. - Correction -

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

$$\begin{array}{r} 20,340 \\ 03 \\ 34 \\ 40 \\ 0 \end{array} \Bigg| \begin{array}{r} 5 \\ \hline 4,067 \end{array}$$

20,34 : 5 ≈ 4,07

$$\begin{array}{r} 27,120 \\ 752 \\ 660 \\ 72 \end{array} \Bigg| \begin{array}{r} 98 \\ \hline 0,276 \end{array}$$

27,12 : 98 ≈ 0,28

$$\begin{array}{r} 4,283 \\ 471 \end{array} \Bigg| \begin{array}{r} 953 \\ \hline 0,004 \end{array}$$

4,283 : 953 ≈ 0