

♥ Opérations et nombres décimaux.

Exercice 1 : Pose et effectue les trois additions suivantes :

- $793,24 + 30,796$
- $185,55 + 22,155$
- $512,6 + 835,02$

Exercice 2 : Pose et effectue les trois soustractions suivantes :

- $9342,9 - 11,464$
- $683,53 - 0,939$
- $6614,6 - 685,49$

Exercice 3 : Pose et effectue les trois multiplications suivantes :

- $8,384 \times 5,58$
- $37,59 \times 233,2$
- $2,687 \times 9,642$

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

- $44,37 : 2 = ?$
- $979,2 : 53 = ?$
- $87,38 : 496 = ?$

♥ Opérations et nombres décimaux.- Correction -

Exercice 1 : Pose et effectue les trois additions suivantes :

- $793,24 + 30,796 = 824,036$

$$\begin{array}{r} \overset{1}{9} 3 , \overset{1}{2} \overset{1}{4} \\ + 3 0 , 7 9 6 \\ \hline 8 2 4 , 0 3 6 \end{array}$$

- $185,55 + 22,155 = 207,705$

$$\begin{array}{r} \overset{1}{8} 5 , \overset{1}{5} 5 \\ + 2 2 , 1 5 5 \\ \hline 2 0 7 , 7 0 5 \end{array}$$

- $512,6 + 835,02 = 1347,62$

$$\begin{array}{r} \overset{1}{1} 2 , 6 \\ + 8 3 5 , 0 2 \\ \hline 1 3 4 7 , 6 2 \end{array}$$

♥ Opérations et nombres décimaux. - Correction -

Exercice 2 : Pose et effectue les trois soustractions suivantes :

- $9\,342,9 - 11,464 = 9\,331,436$

$$\begin{array}{r}
 9\,342,9 - 11,464 \\
 \hline
 9\,331,436
 \end{array}$$

Detailed description: A vertical subtraction problem. The top number is 9 342,9 and the bottom number is 11,464. A horizontal line is drawn under the bottom number. The result is 9 331,436. Red '1' marks indicate borrowing: one from the 9 in the tens place to the 0 in the hundreds place, one from the 4 in the tens place to the 2 in the units place, one from the 9 in the tenths place to the 6 in the hundredths place, and one from the 4 in the tenths place to the 3 in the hundredths place.

- $683,53 - 0,939 = 682,591$

$$\begin{array}{r}
 683,53 - 0,939 \\
 \hline
 682,591
 \end{array}$$

Detailed description: A vertical subtraction problem. The top number is 683,53 and the bottom number is 0,939. A horizontal line is drawn under the bottom number. The result is 682,591. Red '1' marks indicate borrowing: one from the 3 in the units place to the 5 in the tenths place, one from the 8 in the tens place to the 3 in the units place, and one from the 6 in the hundreds place to the 8 in the tens place.

- $6\,614,6 - 685,49 = 5\,929,11$

$$\begin{array}{r}
 6\,614,6 - 685,49 \\
 \hline
 5\,929,11
 \end{array}$$

Detailed description: A vertical subtraction problem. The top number is 6 614,6 and the bottom number is 685,49. A horizontal line is drawn under the bottom number. The result is 5 929,11. Red '1' marks indicate borrowing: one from the 6 in the thousands place to the 6 in the hundreds place, one from the 6 in the hundreds place to the 1 in the tens place, one from the 1 in the tens place to the 4 in the units place, one from the 6 in the units place to the 6 in the tenths place, and one from the 6 in the tenths place to the 4 in the hundredths place.

♥ Opérations et nombres décimaux. - Correction -

Exercice 3 : Pose et effectue les trois multiplications suivantes :

- $8,384 \times 5,58 = 46,78272$

$$\begin{array}{r}
 \times \quad 8,384 \\
 \quad 5,58 \\
 \hline
 \quad \quad 67072 \\
 \quad 41920 \\
 41920 \\
 \hline
 46,78272
 \end{array}$$

- $37,59 \times 233,2 = 8765,988$

$$\begin{array}{r}
 \times \quad 37,59 \\
 \quad 233,2 \\
 \hline
 \quad \quad 7518 \\
 \quad 11277 \\
 11277 \\
 7518 \\
 \hline
 8765,988
 \end{array}$$

- $2,687 \times 9,642 = 25,908054$

$$\begin{array}{r}
 \times \quad 2,687 \\
 \quad 9,642 \\
 \hline
 \quad \quad 5374 \\
 \quad 10748 \\
 16122 \\
 24183 \\
 \hline
 25,908054
 \end{array}$$

