

Correction du travail en mathématiques pour les CM1

Exercice : Pose et effectue les divisions suivantes puis vérifie qu'elles sont justes.

$625 : 5$

$6348 : 4$

$7293 : 6$

$5813 : 5$

$$\begin{array}{r}
 \begin{array}{c} \text{c} \ \text{d} \ \text{u} \\ \mathbf{6} \ 2 \ 5 \end{array} \bigg| \begin{array}{r} 5 \\ \hline 125 \end{array} \\
 \begin{array}{r} -5 \\ \hline \mathbf{1} \ 2 \end{array} \\
 \begin{array}{r} -10 \\ \hline 0 \ \mathbf{2} \ 5 \end{array} \\
 \begin{array}{r} -25 \\ \hline 0 \ 0 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{Vérification : } 125 \\
 \quad \quad \times 5 \\
 \hline
 625
 \end{array}$$

$$\begin{array}{r}
 625 \\
 + 0 \\
 \hline
 625
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{c} \text{u}_m \ \text{c} \ \text{d} \ \text{u} \\ \mathbf{6} \ 3 \ 4 \ 8 \end{array} \bigg| \begin{array}{r} 4 \\ \hline 1587 \end{array} \\
 \begin{array}{r} -4 \\ \hline \mathbf{2} \ 3 \end{array} \\
 \begin{array}{r} -20 \\ \hline \mathbf{3} \ 4 \end{array} \\
 \begin{array}{r} -32 \\ \hline \mathbf{2} \ 8 \end{array} \\
 \begin{array}{r} -28 \\ \hline 0 \ 0 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{Vérification : } 1582 \\
 \quad \quad \times 4 \\
 \hline
 6348
 \end{array}$$

$$\begin{array}{r}
 6348 \\
 + 0 \\
 \hline
 6348
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{c} \text{u}_m \ \text{c} \ \text{d} \ \text{u} \\ \mathbf{7} \ 2 \ 9 \ 3 \end{array} \bigg| \begin{array}{r} 6 \\ \hline 1215 \end{array} \\
 \begin{array}{r} -6 \\ \hline \mathbf{1} \ 2 \end{array} \\
 \begin{array}{r} -12 \\ \hline 0 \ \mathbf{9} \end{array} \\
 \begin{array}{r} -6 \\ \hline \mathbf{3} \ 3 \end{array} \\
 \begin{array}{r} -30 \\ \hline 0 \ 3 \end{array}
 \end{array}$$

$$\begin{array}{r}
 \text{Vérification : } 1215 \\
 \quad \quad \times 6 \\
 \hline
 7290 \\
 + 3 \\
 \hline
 7293
 \end{array}$$

u	c	d	u	5
5	8	1	3	1162
-5	0	-5	-30	
0	8	3	1	
-5	-30	1	3	
3	1	-10	0	
-30	1	3	0	
1	3	0	3	
-10	0	3		
0	3			

Vérification :

1162	
X 5	
5810	

5810	
+ 3	
5813	