

Prénom : _____

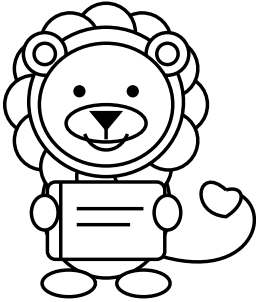
Date : _____

PAPILUMO / CM1 · Approfondissement accompagné

Multiplier : 3 chiffres par 2 chiffres

Calcule les deux produits partiels, puis additionne-les sur la ligne Total.

Léon le lion compte les marque-pages : chaque boîte en contient autant.



Exemple : 24 boîtes de 132 marque-pages

$$132 \times 24 = (132 \times 4) + (132 \times 20)$$

$$528 + 2640 = 3168$$

$24 = 4 + 20$. On multiplie par 4, puis par 20.

Aligne les unités à droite. Les retenues peuvent se faire au brouillon.

		1	2	4
	x		2	3
		<hr/>		
x 3		<input type="text"/>	<input type="text"/>	<input type="text"/>
		<input type="text"/>	<input type="text"/>	<input type="text"/>
x 20		<input type="text"/>	<input type="text"/>	<input type="text"/>
		<input type="text"/>	<input type="text"/>	<input type="text"/>
Total		<input type="text"/>	<input type="text"/>	<input type="text"/>

	$\begin{array}{r} 2\ 3\ 6 \\ \times\ 1\ 4 \\ \hline \end{array}$					
$\times 4$	<table border="1" style="width: 100%; height: 50px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					
$\times 10$	<table border="1" style="width: 100%; height: 50px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					
Total	<table border="1" style="width: 100%; height: 50px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					

	$\begin{array}{r} 307 \\ \times 26 \\ \hline \end{array}$					
$\times 6$	<table border="1" style="width: 100%; height: 60px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					
$\times 20$	<table border="1" style="width: 100%; height: 60px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					
Total	<table border="1" style="width: 100%; height: 60px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					

	4 1 8 x 3 5 <hr style="border: 0.5px solid black;"/>					
× 5	<table border="1" style="width: 100%; height: 50px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					
× 30	<table border="1" style="width: 100%; height: 50px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					
Total	<table border="1" style="width: 100%; height: 50px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					

	5 6 2 × 4 2 <hr style="border: 0.5px solid black; margin-top: 5px;"/>					
× 2	<table border="1" style="width: 100%; height: 50px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					
× 40	<table border="1" style="width: 100%; height: 50px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					
Total	<table border="1" style="width: 100%; height: 50px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					

	$\begin{array}{r} 7\ 3\ 5 \\ \times\quad 6\ 8 \\ \hline \end{array}$					
$\times 8$	<table border="1" style="width: 100%; height: 60px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					
$\times 60$	<table border="1" style="width: 100%; height: 60px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					
Total	<table border="1" style="width: 100%; height: 60px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>					

Laisse vides les cases inutiles à gauche. Vérifie ton addition finale.