

# Correction DS 6 – 6eme Euler

## Exercice 1 :

### Question 1 :

$\begin{array}{r} 15,8 \\ \times \quad 7 \\ \hline 110,6 \end{array}$	$\begin{array}{r} 47,3 \\ \times \quad 26 \\ \hline 11 \square \\ \square 2838 \\ + \square 946 \cdot \\ \hline 122,98 \end{array}$	$\begin{array}{r} 23,45 \\ \times \quad 91 \\ \hline \square \square \square \square \\ \square \square 2345 \\ + 21105 \cdot \\ \hline 213,395 \end{array}$
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### Question 2 :

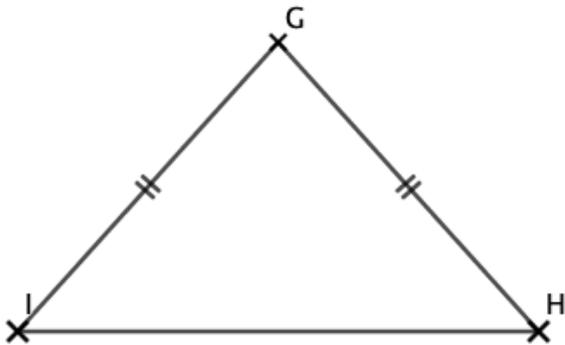
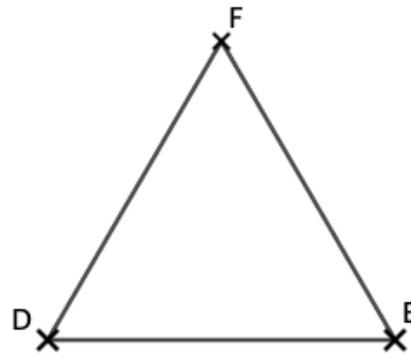
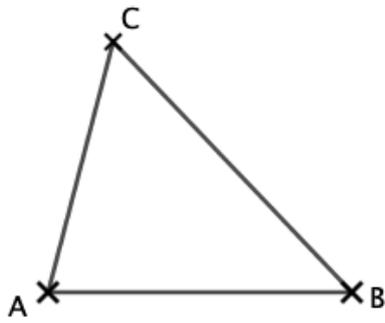
$\begin{array}{r} 290 \\ \times \quad 32 \\ \hline 1 \square \\ \square 580 \\ + 870 \cdot \\ \hline 9280 \end{array}$	Elle va payer 9,28€
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### Question 3 :

$\begin{array}{r} 0,450 \\ \times \quad 20 \\ \hline \square \square \\ 0000 \\ + 900 \cdot \\ \hline 9,000 \end{array}$	Noémie a parcouru 9 km.
$\begin{array}{r} 0,350 \\ \times \quad 30 \\ \hline \square \square \square \\ \square 0000 \\ + 1050 \cdot \\ \hline 10,500 \end{array}$	Antoine a parcouru 10,5 km.
$\begin{array}{r} 10, \square \square \\ - \square \square \square \\ \hline 01, \square \square \end{array}$	L'écart entre les distances est de 1,5 km

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## Exercice 2 :



## Exercice 3 :

### Question 1 :

$  \begin{array}{r}  \boxed{\phantom{0}} \phantom{min} \boxed{1} \\  \boxed{2} \text{ min } \boxed{4} \boxed{7} \\  + \boxed{3} \text{ min } \boxed{5} \boxed{8} \\  \hline  \boxed{5} \text{ min } \boxed{10} \boxed{5}  \end{array}  $	<p>5 min 105 s = 6 min 45 s            La durée totale de ces deux morceaux est 6 min 45 s.</p>
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### Question 2 :

$  \begin{array}{r}  \boxed{1} \boxed{1} \text{ h } \boxed{3} \boxed{0} \\  - \boxed{\phantom{0}} \boxed{1} \text{ h } \boxed{4} \boxed{5} \\  \hline  \boxed{\phantom{0}} \boxed{\phantom{0}} \text{ h } \boxed{\phantom{0}} \boxed{\phantom{0}}  \end{array}  $ $  \begin{array}{r}  \boxed{1} \boxed{0} \text{ h } \boxed{9} \boxed{10} \\  - \boxed{\phantom{0}} \boxed{1} \text{ h } \boxed{4} \boxed{5} \\  \hline  \boxed{0} \boxed{9} \text{ h } \boxed{4} \boxed{5}  \end{array}  $	<p>Ils doivent partir à 9h45.</p>
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Question 3 :

$  \begin{array}{r}  \boxed{4} \boxed{0} \boxed{0} \boxed{0} \\  - \boxed{3} \boxed{6} \boxed{0} \\  \hline  \boxed{\phantom{0}} \boxed{4} \boxed{0} \boxed{0} \\  - \boxed{\phantom{0}} \boxed{3} \boxed{6} \boxed{0} \\  \hline  \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{4} \boxed{0}  \end{array}  $	$  \begin{array}{r}  \boxed{6} \boxed{0} \\  \hline  \boxed{6} \boxed{6} \\  - \boxed{6} \boxed{0} \\  \hline  \boxed{\phantom{0}} \boxed{6}  \end{array}  $
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Donc 4 000 s = 1 h 6 min 40 s

Question 4 :

<p>1h = 3 600 s</p> $  \begin{array}{r}  \boxed{3} \boxed{6} \boxed{0} \boxed{0} \\  \times \quad \quad \boxed{1} \boxed{5} \\  \hline  \boxed{1} \boxed{\phantom{0}} \boxed{\phantom{0}} \\  \boxed{1} \boxed{8} \boxed{0} \boxed{0} \boxed{0} \\  + \boxed{3} \boxed{6} \boxed{0} \boxed{0} \boxed{\phantom{0}} \\  \hline  \boxed{5} \boxed{4} \boxed{0} \boxed{0} \boxed{0}  \end{array}  $	<p>1min = 60 s</p> $  \begin{array}{r}  \boxed{4} \boxed{2} \\  \times \quad \quad \boxed{6} \boxed{0} \\  \hline  \boxed{\phantom{0}} \boxed{\phantom{0}} \\  \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{0} \boxed{0} \\  + \boxed{2} \boxed{5} \boxed{2} \boxed{\phantom{0}} \\  \hline  \boxed{2} \boxed{5} \boxed{2} \boxed{0}  \end{array}  $
$  \begin{array}{r}  \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \\  + \boxed{5} \boxed{4} \boxed{0} \boxed{0} \boxed{0} \\  + \boxed{\phantom{0}} \boxed{2} \boxed{5} \boxed{2} \boxed{0} \\  + \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{1} \boxed{8} \\  \hline  \boxed{5} \boxed{6} \boxed{5} \boxed{3} \boxed{8}  \end{array}  $	<p>Donc 15 h 42 min 18 s = 56 538 s</p>

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## Exercice 4 :

### Question 1 :

$  \begin{array}{r}  \boxed{8} \boxed{1} \boxed{4} \boxed{5} \\  - \boxed{6} \boxed{9} \\  \hline  \boxed{1} \boxed{2} \boxed{4} \\  - \boxed{1} \boxed{1} \boxed{5} \\  \hline  \phantom{\boxed{1} \boxed{2} \boxed{4}} \boxed{9} \boxed{5} \\  \phantom{\boxed{1} \boxed{2} \boxed{4}} \phantom{\boxed{9} \boxed{5}} \boxed{9} \boxed{2} \\  \hline  \phantom{\boxed{1} \boxed{2} \boxed{4}} \phantom{\boxed{9} \boxed{5}} \phantom{\boxed{9} \boxed{2}} \boxed{3}  \end{array}  $	<table style="border-collapse: collapse;"> <tr><td style="border: 1px solid black; padding: 2px 5px;">2</td><td style="border: 1px solid black; padding: 2px 5px;">3</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black; padding: 2px 5px;">3</td><td style="border: 1px solid black; padding: 2px 5px;">5</td></tr> <tr><td style="border: 1px solid black; padding: 2px 5px;"></td><td style="border: 1px solid black; padding: 2px 5px;">4</td></tr> </table>	2	3			3	5		4	<p>On peut faire 354 paquets de 23 clous.</p>
2	3									
3	5									
	4									

### Question 2 :

$  \begin{array}{r}  \boxed{2} \boxed{5} \boxed{8} \boxed{7} \\  - \boxed{2} \boxed{4} \\  \hline  \phantom{\boxed{2} \boxed{5} \boxed{8} \boxed{7}} \boxed{1} \boxed{8} \\  - \phantom{\boxed{2} \boxed{5} \boxed{8} \boxed{7}} \boxed{0} \boxed{0} \\  \hline  \phantom{\boxed{2} \boxed{5} \boxed{8} \boxed{7}} \boxed{1} \boxed{8} \boxed{7} \\  - \phantom{\boxed{2} \boxed{5} \boxed{8} \boxed{7}} \boxed{1} \boxed{6} \boxed{8} \\  \hline  \phantom{\boxed{2} \boxed{5} \boxed{8} \boxed{7}} \phantom{\boxed{1} \boxed{8} \boxed{7}} \boxed{1} \boxed{9}  \end{array}  $	<table style="border-collapse: collapse;"> <tr><td style="border: 1px solid black; padding: 2px 5px;">2</td><td style="border: 1px solid black; padding: 2px 5px;">4</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black; padding: 2px 5px;">1</td><td style="border: 1px solid black; padding: 2px 5px;">0</td></tr> <tr><td style="border: 1px solid black; padding: 2px 5px;"></td><td style="border: 1px solid black; padding: 2px 5px;">7</td></tr> </table>	2	4			1	0		7	<p>S'il achète 107 boîtes, il manquera 19 carreaux. Donc il doit prendre 108 boîtes.</p>
2	4									
1	0									
	7									

### Question 3 :

$  \begin{array}{r}  \boxed{8} \boxed{3} \\  - \boxed{8} \\  \hline  \boxed{0} \boxed{3} \\  - \phantom{\boxed{8} \boxed{3}} \phantom{\boxed{8}} \boxed{0} \\  \hline  \phantom{\boxed{8} \boxed{3}} \phantom{\boxed{8} \boxed{3}} \boxed{3}  \end{array}  $	<table style="border-collapse: collapse;"> <tr><td style="border: 1px solid black; padding: 2px 5px;">8</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;"></td></tr> <tr><td style="border: 1px solid black; padding: 2px 5px;">1</td><td style="border: 1px solid black; padding: 2px 5px;">0</td></tr> </table>	8			1	0	<p>Si on met 10 tables, 3 personnes ne seront pas installées, donc il faut 11 tables.</p> <p style="text-align: center;"><math>8 - 3 = 5</math></p> <p>Il restera 5 places libres sur la dernière table.</p>
8							
1	0						

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Exercice 5 :

