

# Correction DS 6 – 6eme Descartes

## Exercise 1 :

### Question 1 :

|                                                                       |                                                                                                                                 |                                                                                                                                                                                                   |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $\begin{array}{r} 15,8 \\ \times \quad 7 \\ \hline 110,6 \end{array}$ | $\begin{array}{r} 47,3 \\ \times \quad 2,6 \\ \hline 11 \phantom{00} \\ 2838 \\ + 946 \phantom{0} \\ \hline 122,98 \end{array}$ | $\begin{array}{r} 23,45 \\ \times \quad 9,1 \\ \hline \phantom{00} \phantom{00} \phantom{00} \phantom{00} \\ \phantom{00} \phantom{00} 2345 \\ + 21105 \phantom{0} \\ \hline 213,395 \end{array}$ |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Question 2 :

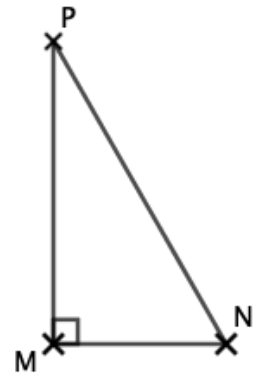
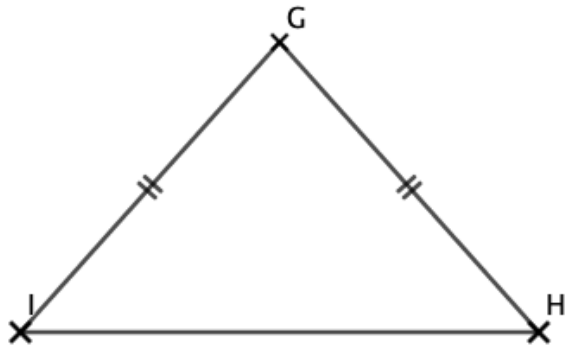
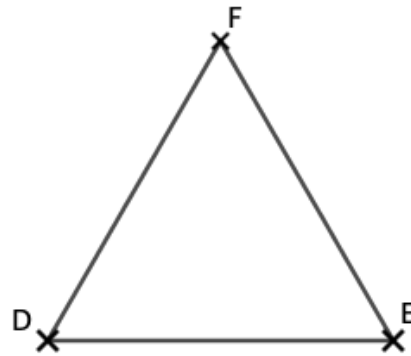
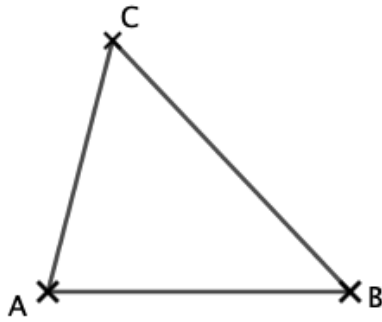
|                                                                                                                              |                     |
|------------------------------------------------------------------------------------------------------------------------------|---------------------|
| $\begin{array}{r} 29,0 \\ \times \quad 3,2 \\ \hline 1 \phantom{00} \\ 580 \\ + 870 \phantom{0} \\ \hline 92,80 \end{array}$ | Elle va payer 9,28€ |
|------------------------------------------------------------------------------------------------------------------------------|---------------------|

### Question 3 :

|                                                                                                                                                                      |                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| $\begin{array}{r} 0,450 \\ \times \quad 20 \\ \hline \phantom{00} \phantom{00} \\ 0000 \\ + 900 \phantom{0} \\ \hline 9,000 \end{array}$                             | Noémie a parcouru 9 km.                   |
| $\begin{array}{r} 0,350 \\ \times \quad 30 \\ \hline \phantom{00} \phantom{00} \phantom{00} \\ \phantom{00} 0000 \\ + 1050 \phantom{0} \\ \hline 10,500 \end{array}$ | Antoine a parcouru 10,5 km.               |
| $\begin{array}{r} 10,50 \\ - \phantom{00} 9,00 \\ \hline 1,50 \end{array}$                                                                                           | L'écart entre les distances est de 1,5 km |

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## Exercice 2 :



## Exercice 3 :

### Question 1 :

|                                                                                                                                         |                                                 |                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------|
| <div> <div>8145</div> <div>- 69</div> <hr/> <div>124</div> <div>- 115</div> <hr/> <div>95</div> <div>92</div> <hr/> <div>3</div> </div> | <div> <div>23</div> <hr/> <div>354</div> </div> | On peut faire 354 paquets de 23 clous. |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------|

### Question 2 :

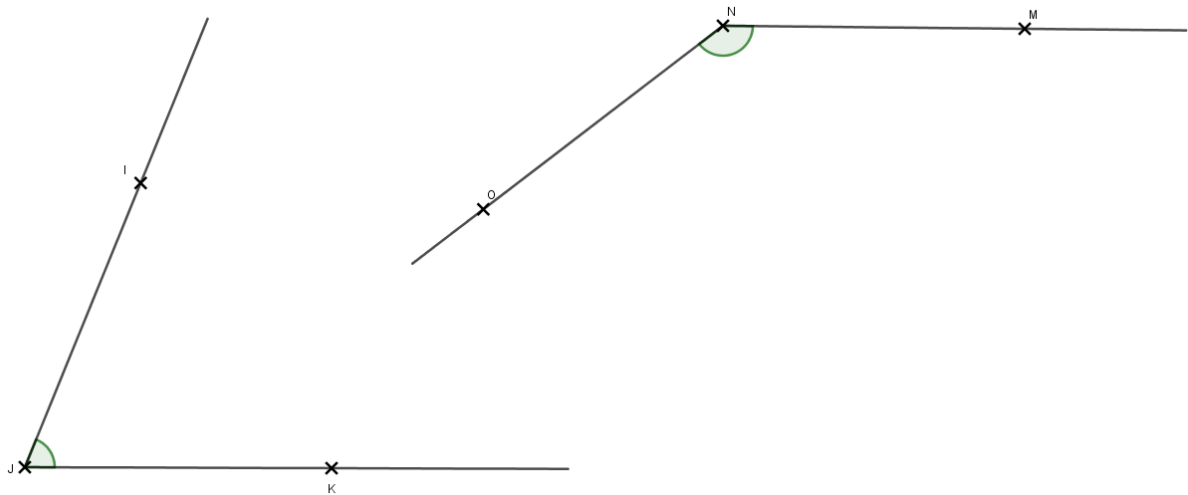
|                                                                                                                                            |                                                 |                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <div> <div>2587</div> <div>- 24</div> <hr/> <div>18</div> <div>- 00</div> <hr/> <div>187</div> <div>- 168</div> <hr/> <div>19</div> </div> | <div> <div>24</div> <hr/> <div>107</div> </div> | <p>S'il achète 107 boîtes, il manquera 19 carreaux.</p> <p>Donc il doit prendre 108 boîtes.</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------|

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## Question 3 :

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div>8</div><div>3</div></div><div>-</div><div><div>8</div></div><div></div><div><div>0</div><div>3</div></div><div>-</div><div><div></div><div>0</div></div><div></div><div><div>3</div></div></div> <div><div>8</div></div> <div><div>1</div><div>0</div></div> | <p>Si on met 10 tables, 3 personnes ne seront pas installées, donc il faut 11 tables.</p> $8 - 3 = 5$ <p>Il restera 5 places libres sur la dernière table.</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Exercice 4 :



## Exercice 5 :

- 1) POTE est un losange car il a 4 côtés de même longueur.
- 2) MONT est un quadrilatère (aucun codage)
- 3) VRAI est un rectangle car il a 4 angles droits.
- 4) PILE est un carré car il a 4 angles droits et 4 côtés de même longueur.