**Fiche n° 1**  N° : ...............

|  |  |  |  |
| --- | --- | --- | --- |
| 6 | 7 | 4 | 6 |
|  | X |  | 8 |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 5 | 8 | 6 | 0 |
|  | X |  | 5 |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 3 | 8 | 6 | 9 |
|  | X |  | 4 |
|  |  |  |  |
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|  |  |  |  |
| --- | --- | --- | --- |
| 2 | 5 | 8 | 4 |
|  | X |  | 9 |
|  |  |  |  |
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|  |  |  |  |
| --- | --- | --- | --- |
| 7 | 0 | 8 | 6 |
|  | X |  | 7 |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 9 | 8 | 7 | 5 |
|  | X |  | 2 |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 9 | 6 | 5 | 3 |
|  | X |  | 8 |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 9 | 8 | 7 | 1 |
|  | X |  | 6 |
|  |  |  |  |
|  |  |  |  |

 **Fiche n° 2**  N° : ...............

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 9 | 4 | 3 |
|  |  | X | 8 | 1 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 7 | 3 | 1 | 0 |
|  |  | X | 4 | 3 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 5 | 3 | 9 |
|  |  | X | 6 | 3 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 9 | 0 | 8 |
|  |  | X | 3 | 7 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 4 | 9 | 3 |
|  | X | 3 | 4 | 5 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 5 | 5 | 7 |
|  | X | 3 | 6 | 6 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 6 | 8 | 1 |
|  | X | 1 | 7 | 6 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 4 | 2 | 8 |
|  | X | 3 | 2 | 7 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Fiche n° 3 Le multiplicateur est décimal** N° : ...............

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 7 | 2 | 9 |
|  |  |  |  | X | 0, | 7 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 4 | 0 | 9 |
|  |  |  |  | X | 2, | 9 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 7 | 4 | 8 | 0 |
|  |  |  | X |  | 3, | 1 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | 8 | 4 | 8 | 4 | 2 |
|  |  |  |  | X | 2, | 5 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 9 | 4 | 7 |
|  |  |  | X | 8, | 4 | 2 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 8 | 0 | 2 | 1 |
|  |  |  | X | 4 | 3, | 7 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**Fiche n° 4 Le multiplicateur et le multiplicande sont décimaux.** N° : .............. **Fiche n° 5 Complète les divisions à partir des multiplications** N° : ..............

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 5 | 4, | 6 |
|  |  |  | X | 0, | 4 | 6 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 1, | 7 | 4 | 2 |
|  |  |  | X |  | 3, | 8 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 0, | 3 | 6 | 7 |
|  |  |  | X | 4 | 0, | 9 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 7 | 2, | 6 |
|  |  |  |  | X | 4, | 5 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 9, | 0 | 7 |
|  |  |  |  | X | 5, | 7 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 8 | 4, | 5 | 1 |
|  |  |  | X | 0, | 8 | 5 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Replace le produit, le multiplicande et le multiplicateur. Tu ne dois pas effectuer la division

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 2 | 8, | 9 |  |  |  |  |  |  |  |  |  |  |  |  | 7, | 1 |  |  |
|  | X |  |  | 7, | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 2 | 8 | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2 | 0 | 2 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2 | 0 | 5, | 1 | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 3 | 7 | 5 |  |  |  |  |  |  |  | 1 | 2 | 0 | 0 | 0 |  |  |  |  |
|  | X |  |  | 3 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 7 | 5 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 1 | 2 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 2 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 3 | 2, | 1 | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | X |  | 6 | 4 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 9 | 6 | 5 | 1 |  |  |  |  |  |  |  |  |  |  |  | 3 | 2, | 1 | 7 |
|  | 1 | 2 | 8 | 6 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | 9 | 3 | 0 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 0 | 6 | 8 | 5, | 3 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 6 | 3, | 0 | 8 | 5 |  | 3 | 7 | 6 | 1 | 7, | 5 | 8 | 5 |  |  |  |  |
|  |  | X |  |  | 5 | 9 | 6, | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 1 | 8 | 9 | 2 | 5 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3 | 7 | 8 | 5 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 5 | 6 | 7 | 7 | 6 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 1 | 5 | 4 | 2 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 7 | 6 | 1 | 7, | 5 | 8 | 5 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Fiche n° 6 Place et effectue les multiplications.** N° : ..............

Vérifie avec la preuve par 9.

 45 X 726 = 57 X 907 = 38 X 845 =



 92 X 275 = 174 X 882 = 297 X 676 =

**Fiche n° 7 Place et effectue les multiplications.** N° : ..............

Vérifie avec la preuve par 9. N’oublie pas les virgules.

 976 X 0,9 = 579 X 0,39 = 4,75 X 37,06 =



 39,7 X 2,8 = 18 907 X 9 923 = 20,04 X 98,06 =

**Fiche n° 8 Complète les multiplications.** N° : ..............

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | 4 | 1 | 8 |  |  |  |  |  |  |  |  |  | . | 2 | 0 | . |  |  |  |  |
|  |  |  | X |  |  | 3 | . |  |  |  |  |  |  |  |  | X |  |  | . | 7 |  |  |  |  |
|  |  |  |  |  | 8 | 3 | 6 |  |  |  |  |  |  |  |  | 2 | 9 | 4 | 2 | . |  |  |  |  |
|  |  | + | . | . | . | 4 |  |  |  |  |  |  |  | + | 3 | 3 | . | 2 | . |  |  |  |  |  |
|  |  |  | 1 | . | 3 | . | . |  |  |  |  |  |  |  | . | . | . | 6 | . | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 7 | . | 2 | . |  |  |  |  |  |  |  |  |  |  | 5 | 8 | 7 |  |  |  |  |
|  |  |  | X |  | 3 | . | 7 |  |  |  |  |  |  |  |  |  | X | . | . | . |  |  |  |  |
|  |  |  | 5 |  . | 7 | . | 8 |  |  |  |  |  |  |  |  |  | 1 | . | 6 | 1 |  |  |  |  |
|  |  |  | . | 8 | . | 4 |  |  |  |  |  |  |  |  |  | . | 9 | 3 | 5 |  |  |  |  |  |
| + | 2 | . | 4 | . | 2 |  |  |  |  |  |  |  |  | + | 2 | 3 | . | 8 |  |  |  |  |  |  |
|  | 2 | . | 8 | . | 2 | 0 | . |  |  |  |  |  |  |  | 2 | . | 5 | 9 | . | . |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Fiche n° 9 Résous ces problèmes** N° : ..............

A) Un responsable des promenades en kayak a rangé les embarcations dans trois chalets comportant chacun 36 emplacements. Combien de kayaks peut-il ranger ?

*Calculs en ligne :*

*Phrase réponse :*

B) Un club de sports dispose de 48 caisses de **12 paires** de dossards.

De combien de dossards dispose-t-il ?

*Calculs en ligne :*

*Phrase réponse :*

C) Lors de la fête de l’Epiphanie, a directeur d’école a acheté 58 tartes qu’il a découpées en 8 morceaux. Quand tous les élèves et les professeurs ont été servis, il restait 3 morceaux. Combien de personnes ont mangé un morceau de galette ?

*Calculs en ligne :*

*Phrase réponse :*

**Devoir 1**

**A. Pose et effectue.**

243 x 0,8 887 x 7,01 284 x 5,2

4,97 x 6,82 52,8 x 9,5 7 x 3 471



21 x 278 49 x 2 431 645 x 1 208

**B. Problème**

Un coureur londonien a effectué une course de 17 miles. Quelle distance cela représente-t-il en Km ? (1 mile = 1,609 km)

**Devoir 2**

**A. Pose et effectue.**

7 836 x 0,7 9 475 x 5,8 3,095 x 708,6

2 840 x 5,029 28,904 x 7,1 17 x 3 471



39 x 698 53 x 4 341 645 x 1 208

**B. Problème**

Un coureur londonien a effectué une course de 27,3 miles. Quelle distance cela représente-t-il en Km ? (1 mile = 1,609 km)

**Devoir 3**

**A. Pose et effectue.**

27 469 x 0,6 22 575 x 4,8 3,47 x 2,0076

63,085 x 596,3 37,2 x 0,305 3,77 x 3 471



 79 x 794 26 x 7 834 695 x 9 947

**B. Problème**

Un coureur londonien a effectué une course de 30,05 miles. Quelle distance cela représente-t-il en Km ? (1 mile = 1,609 km)

**Fiche n° 1**  N° : ...............

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 6 | 7 | 4 | 6 |
|  |  | X |  | 8 |
| **5** | **3** | **9** | **6** | **8** |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 5 | 8 | 6 | 0 |
|  |  | X |  | 5 |
| **2** | **9** | **3** | **0** | **0** |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 3 | 8 | 6 | 9 |
|  |  | X |  | 4 |
| **1** | **5** | **4** | **7** | **6** |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 2 | 5 | 8 | 4 |
|  |  | X |  | 9 |
| **2** | **3** | **2** | **5** | **6** |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 7 | 0 | 8 | 6 |
|  |  | X |  | 7 |
| **4** | **9** | **6** | **0** | **2** |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 9 | 8 | 7 | 5 |
|  |  | X |  | 2 |
| **1** | **9** | **7** | **5** | **0** |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 9 | 6 | 5 | 3 |
|  |  | X |  | 8 |
| **7** | **7** | **2** | **2** | **4** |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 9 | 8 | 7 | 1 |
|  |  | X |  | 6 |
| **5** | **9** | **2** | **2** | **6** |
|  |  |  |  |  |

 **Fiche n° 2**  N° : ...............

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 7 | 3 | 1 | 0 |
|  |  |  |  | X | 4 | 3 |
|  |  | **2** | **1** | **9** | **3** | **0** |
| **+** | **2** | **9** | **2** | **4** | **0** |  |
|  | **3** | **1** | **4** | **3** | **3** | **0** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | 9 | 4 | 3 |
|  |  |  | X | 8 | 1 |
|  |  |  | **9** | **4** | **3** |
| **+** | **7** | **5** | **4** | **4** |  |
|  | **7** | **6** | **3** | **8** | **3** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | 5 | 3 | 9 |
|  |  |  |  |  | X | 6 | 3 |
|  |  |  |  | **1** | **6** | **1** | **7** |
|  |  | **+** | **3** | **2** | **3** | **4** |  |
|  |  |  | **3** | **3** | **9** | **5** | **7** |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | 9 | 0 | 8 |
|  |  |  | X | 3 | 7 |
|  |  | **6** | **3** | **5** | **6** |
| **+** | **2** | **7** | **2** | **4** |  |
|  | **3** | **3** | **5** | **9** | **6** |
|  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 5 | 5 | 7 |
|  |  |  | X | 3 | 6 | 6 |
|  |  |  | **3** | **3** | **4** | **2** |
|  |  | **3** | **3** | **4** | **2** |  |
| + | **1** | **6** | **7** | **1** |  |  |
|  | **2** | **0** | **3** | **8** | **6** | **2** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 4 | 9 | 3 |
|  |  |  | X | 3 | 4 | 5 |
|  |  |  | **2** | **4** | **6** | **5** |
|  |  | **1** | **9** | **7** | **2** |  |
| **+** | **1** | **4** | **7** | **9** |  |  |
|  | **1** | **7** | **0** | **0** | **8** | **5** |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 6 | 8 | 1 |
|  |  |  | X | 1 | 7 | 6 |
|  |  |  | **4** | **0** | **8** | **6** |
|  |  | **6** | **8** | **6** | **7** |  |
|  | **+** | **6** | **8** | **1** |  |  |
|  | **1** | **1** | **9** | **8** | **5** | **6** |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 4 | 2 | 8 |
|  |  |  | X | 3 | 2 | 7 |
|  |  |  | **2** | **9** | **9** | **6** |
|  |  |  | **8** | **5** | **6** |  |
| **+** | **1** | **2** | **8** | **4** |  |  |
|  | **1** | **3** | **9** | **9** | **5** | **6** |

**Fiche n° 3 Le multiplicateur est décimal** N° : ...............

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 7 | 4 | 8 | 0 |
|  |  |  | X |  | 3, | 1 |
|  |  |  | **7** | **4** | **8** | **0** |
| **+** | **2** | **2** | **4** | **0** | **0** |  |
|  | **2** | **3** | **1****1** | **8** | **8,** | **0** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 4 | 0 | 9 |
|  |  |  |  | X | 2, | 9 |
|  |  |  | **3** | **6** | **8** | **1** |
|  |  | **+** | **8** | **1** | **8** |  |
|  |  | **1** | **1** | **8** | **6,** | **1** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 7 | 2 | 9 |
|  |  |  |  | X | 0, | 7 |
|  |  |  | **5** | **1** | **0,** | **3** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 8 | 0 | 2 | 1 |
|  |  |  |  | X | 4 | 3, | 7 |
|  |  |  | **5** | **6** | **1** | **4** | **7** |
|  |  | **2** | **4** | **0** | **6** | **3** |  |
| **+** | **3** | **2** | **0** | **8** | **4** |  |  |
|  | **3** | **5** | **0** | **5** | **1** | **7,** | **7** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | 9 | 4 | 7 |
|  |  |  |  | X | 8, | 4 | 2 |
|  |  |  |  | **1** | **8** | **9** | **4** |
|  |  |  | **3** | **7** | **8** | **8** |  |
|  | **+** | **7** | **5** | **7** | **6** |  |  |
|  |  | **7** | **9** | **7** | **3,** | **7** | **4** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 8 | 4 | 8 | 4 | 2 |
|  |  |  |  |  | X | 2, | 5 |
|  |  | **4** | **2** | **4** | **2** | **1** | **0** |
| **+** | **1** | **6** | **9** | **6** | **8** | **4** |  |
|  | **2** | **1** | **2** | **1** | **0** | **5,** | **0** |

**Fiche n° 4 Le multiplicateur et le multiplicande sont décimaux.** N° : ..............

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 0, | 3 | 6 | 7 |
|  |  |  | X | 4 | 0, | 9 |
|  |  |  | **3** | **3** | **0** | **3** |
|  |  | **0** | **0** | **0** | **0** |  |
| **+** | **1** | **4** | **6** | **8** |  |  |
|  | **1** | **5,** | **0** | **1** | **0** | **3** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 1, | 7 | 4 | 2 |
|  |  |  | X |  | 3, | 8 |
|  |  | **1** | **3** | **9** | **3** | **6** |
|  | **+** | **5** | **2** | **2** | **6** |  |
|  |  | **6,** | **6** | **1** | **9** | **6** |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 5 | 4, | 6 |
|  |  |  | X | 0, | 4 | 6 |
|  |  |  | **3** | **2** | **7** | **6** |
|  |  | **2** | **1** | **8** | **4** |  |
|  | **+** | **0** | **0** | **0** |  |  |
|  |  | **2** | **5 ,** | **1** | **1** | **6** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 8 | 4, | 5 | 1 |
|  |  |  | X | 0, | 8 | 5 |
|  |  | **4** | **2** | **2** | **5** | **5** |
|  | **6** | **7** | **6** | **0** | **8** |  |
| **+** | **0** | **0** | **0** | **0** |  |  |
|  | **7** | **1,** | **8** | **3** | **3** | **5** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 9, | 0 | 7 |
|  |  |  |  | X | 5, | 7 |
|  |  |  | **6** | **3** | **4** | **9** |
|  | **+** | **4** | **5** | **3** | **5** |  |
|  |  | **5** | **1,** | **6** | **9** | **9** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 7 | 2, | 6 |
|  |  |  |  | X | 4, | 5 |
|  |  |  | **3** | **6** | **3** | **0** |
|  | **+** | **2** | **9** | **0** | **4** |  |
|  |  | **3** | **2** | **6,** | **7** | **0** |

**Fiche n° 5 Complète les divisions à partir des multiplications** N° : ..............

Replace le produit, le multiplicande et le multiplicateur. Tu ne dois pas effectuer la division

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 2 | 8, | 9 |  |  |  |  |  |  | **2** | **0** | **5,** | **1** | **9** |  | 7, | 1 |  |  |
|  | X |  |  | 7, | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 2 | 8 | 9 |  |  |  |  |  |  |  |  |  |  |  |  | **2** | **8,** | **9** |  |
|  | 2 | 0 | 2 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2 | 0 | 5, | 1 | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  | 3 | 7 | 5 |  |  |  |  |  |  |  | 1 | 2 | 0 | 0 | 0 | **3** | **2** |  |  |
|  | X |  |  | 3 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 7 | 5 | 0 |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 7 | 5 |  |
|  | 1 | 1 | 2 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 2 | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  | 3 | 2, | 1 | 7 |  |  |  |  | **2** | **0** | **6** | **8** | **5,** | **3** | **1** | **6** | **4** | **3** |  |
|  |  | X |  | 6 | 4 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 9 | 6 | 5 | 1 |  |  |  |  |  |  |  |  |  |  |  | 3 | 2, | 1 | 7 |
|  | 1 | 2 | 8 | 6 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | 9 | 3 | 0 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 0 | 6 | 8 | 5, | 3 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 6 | 3, | 0 | 8 | 5 |  | 3 | 7 | 6 | 1 | 7, | 5 | 8 | 5 | 5 | **5** | **9** | **6,** | **3** |  |
|  |  | X |  |  | 5 | 9 | 6, | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 1 | 8 | 9 | 2 | 5 | 5 |  |  |  |  |  |  |  |  |  |  | **6** | **3,** | **0** | **8** | **5** |
|  |  | 3 | 7 | 8 | 5 | 1 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 5 | 6 | 7 | 7 | 6 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 1 | 5 | 4 | 2 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 7 | 6 | 1 | 7, | 5 | 8 | 5 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Fiche n° 6 Place et effectue les multiplications.** N° : ..............

Vérifie avec la preuve par 9.

 45 X 726 = **32670** 57 X 907 = **51699** 38 X 845 =**32110**



 92 X 275 = **25300** 174 X 882 =**153468** 297 X 676 = **200772**

**Fiche n° 7 Place et effectue les multiplications.** N° : ..............

Vérifie avec la preuve par 9. N’oublie pas les virgules.

 976 X 0,9 = **878,4** 579 X 0,39 =**225,81** 4,75 X 37,06 =**176,035**



 39,7 X 2,8 = **111,16**  18 907 X 9 923 = 20,04 X 98,06 =

 **187 614 161 1965,1224**

**Fiche n° 8 Complète les multiplications.** N° : ..............

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | 4 | 1 | 8 |  |  |  |  |  |  |  |  |  | **4** | 2 | 0 | **3** |  |  |  |  |
|  |  |  | X |  |  | 3 | **2** |  |  |  |  |  |  |  |  | X |  |  | **8** | 7 |  |  |  |  |
|  |  |  |  |  | 8 | 3 | 6 |  |  |  |  |  |  |  |  | 2 | 9 | 4 | 2 | **1** |  |  |  |  |
|  |  | + | **1** | **2** | **5** | 4 |  |  |  |  |  |  |  | + | 3 | 3 | **6** | 2 | **4** |  |  |  |  |  |
|  |  |  | 1 | **3** | 3 | **7** | **6** |  |  |  |  |  |  |  | **3** | **6** | **5** | 6 | **6** | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 7 | **8** | 2 | **4** |  |  |  |  |  |  |  |  |  |  | 5 | 8 | 7 |  |  |  |  |
|  |  |  | X |  | 3 | **1** | 7 |  |  |  |  |  |  |  |  |  | X | **4** | **5** | **3** |  |  |  |  |
|  |  |  | 5 | **4** | 7 | **6** | 8 |  |  |  |  |  |  |  |  |  | 1 | **7** | 6 | 1 |  |  |  |  |
|  |  |  | **7** | 8 | **2** | 4 |  |  |  |  |  |  |  |  |  | **2** | 9 | 3 | 5 |  |  |  |  |  |
| + | 2 | **3** | 4 | **7** | 2 |  |  |  |  |  |  |  |  | + | 2 | 3 | **4** | 8 |  |  |  |  |  |  |
|  | 2 | **4** | 8 | **0** | 2 | 0 | **8** |  |  |  |  |  |  |  | 2 | **6** | 5 | 9 | **1** | **1** |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Fiche n° 9 Résous ces problèmes** N° : ..............

A) Un responsable des promenades en kayak a rangé les embarcations dans trois chalets comportant chacun 36 emplacements. Combien de kayaks peut-il ranger ?

*Calculs en ligne :* ***36 x 3 = 108***

*Phrase réponse :* ***On peut ranger 108 Kayaks***

B) Un club de sports dispose de 48 caisses de **12 paires** de dossards.

De combien de dossards dispose-t-il ?

*Calculs en ligne :* ***48 x 12 x 2 = 1152***

*Phrase réponse :* ***Il dispose de 1152 dossards***

C) Lors de la fête de l’Epiphanie, a directeur d’école a acheté 58 tartes qu’il a découpées en 8 morceaux. Quand tous les élèves et les professeurs ont été servis, il restait 3 morceaux. Combien de personnes ont mangé un morceau de galette ?

*Calculs en ligne :* ***(58 x 8) - 3 = 461***

*Phrase réponse :* ***461 personnes ont mangé.***

**Devoir 1**

**A. Pose et effectue.**

243 x 0,8 **=194,4** 887 x 7,01**=6217,87** 284 x 5,2 **=1476,8**

4,97 x 6,82 **=33,8954** 52,8 x 9,5 **=** **501,6** 7 x 3 471 **=** **24297**



21 x 278 **= 5838** 49 x 2 431 **=119119** 645 x 1 208 **=779160**

**B. Problème**

Un coureur londonien a effectué une course de 17 miles. Quelle distance cela représente-t-il en Km ? (1 mile = 1,609 km) **17 x 1,609 = 27,353**

**Devoir 2**

**A. Pose et effectue.**

7 836 x 0,7 **=5485,2** 9 475 x 5,8 **= 54955** 3,095 x 708,6 **= 2193,1170**

2 840 x 5,029 **=14282,360** 28,904 x 7,1  **= 205,2184** 17 x 3 471 **= 59007**



39 x 698 **= 27222** 53 x 4 341 **= 230073** 645 x 1 208 **=779160**

**B. Problème**

Un coureur londonien a effectué une course de 27,3 miles. Quelle distance cela représente-t-il en Km ? (1 mile = 1,609 km) **27,3 x 1,609 =43,9257**

**Devoir 3**

**A. Pose et effectue.**

27 469 x 0,6 **= 16481,4** 22 575 x 4,8 **= 108360** 3,47 x 2,0076 **= 6,966372**

63,085 x 596,3 **=37617,5855** 37,2 x 0,305 **=11,346** 3,77 x 3 471 **= 13085,67**



 79 x 794 **= 62726** 26 x 7 834 **= 203684** 695 x 9 947 **= 6913165**

**B. Problème**

Un coureur londonien a effectué une course de 30,05 miles. Quelle distance cela représente-t-il en Km ? (1 mile = 1,609 km) **30,05 x 1,609 = 48,35045**