**Correction mathématiques CM2 05 mai 2020**

**Exercice 1 page 158**

**a pour obtenir 1kg=1000g**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  | 1 | (1)0 | (1)0 | (1)0 | (1)0 | (1)0 |  |  |
| **-** | **(1)** | **(1)** | (1)5 | (1)6, | (1)8 | 9 |  |  |
|  | **0** | **9** | **4** | **3,** | **1** | **1** |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  | 1 | (1)0 | (1)0 | (1)0 | (1)0 |  |  |  |
| **-** | **(1)** | **(1)** | (1)6, | (1)7 | 8 |  |  |  |
|  | 0 | 9 | 3 | 2, | 2 |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  | 1 | (1)0 | (1)0 | (1)0 | (1)0 | (1)0 |  |  |
| **-** | **(1)** | (1)1 | (1)6 | (1)7 | (1)7, | 8 |  |  |
|  | 0 | 8 | 2 | 3 | 2 | 2 |  |  |

**b pour obtenir 1 tonne=1000kg**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **t** |  |  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  | 1 | (1)0 | (1)0 | (1)0 | (1)0 | (1)0 |  |  |  |  |  |
| - | (1) | (1) | (1)3 | (1)4, | (1)5 | 6 |  |  |  |  |  |
|  | 0 | 9 | 6 | 5 | 4 | 4 |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **t** |  |  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  | 1 | (1)0 | (1)0 | (1)0 | (1)0 | (1)0 | (1)0 |  |  |  |  |
| - |  | (1) | (1)6 | (1)7 | (1)8, | (1)9 | 7 |  |  |  |  |
|  |  | 0 | 3 | 2 | 1 | 0 | 3 |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **t** |  |  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  | 1 | (1)0 | (1)0 | (1)0 | (1)0 | (1)0 | (1)0 |  |  |  |  |
| - | (1) | (1) | (1)1 | (1)2 | (1)0 | (1)1 | 2 |  |  |  |  |
|  | 0 | 9 | 8 | 7 | 9 | 8 | 8 |  |  |  |  |

**C pour obtenir 1 g=1000 mg**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **t** |  |  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  |  |  |  |  |  |  | 1 | (1)0 | (1)0 | 0 |  |
| **-** |  |  |  |  |  |  | (1)0, | (1)8 | 9 | **0** |  |
|  |  |  |  |  |  |  | **9,** | **1** | **1** | **0** |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **t** |  |  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  |  |  |  |  |  |  | 1 | (1)0 | (1)0 | (1)0 |  |
| **-** |  |  |  |  |  |  | (1) | (1)6, | (1)1 | 5 |  |
|  |  |  |  |  |  |  | **0** | **3** | **8** | **5** |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **t** |  |  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  |  |  |  |  |  |  | 1 | (1)0 | (1)0 | (1)0 |  |
| **-** |  |  |  |  |  |  | (1) | (1) | (1)9, | 6 |  |
|  |  |  |  |  |  |  | **0** | **9** | **0** | **4** |  |

**Exercice 3 page 158 :**

1dL de jus de fruit

1,2 L de jus de fruit = 12dL

Je fais un tableau de conversions :

|  |  |  |
| --- | --- | --- |
| Masse de sucre en g | 40,5 | 48,6 |
| Volume de jus dL | 1 | 1,2 |

40,5x1,2=48,6

**Il lui faudra 48,6 g de sucre.**

**Exercice 5 page 170 :**

**A**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **km** | **hm** | **dam** | **m** | **dm** | **cm** | **mm** |  |
|  |  |  |  | 4, | 6 |  |  |  |
|  |  |  | 2, | 8 |  |  |  |  |
|  |  | + |  | 1 | 2, | 5 |  |  |
|  |  |  | 3 | 3, | 8 | 5 |  |  |

**b**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  |  |  | 2 | 6, | 4 |  |  |  |
|  |  | 4, | 3 | 8 |  |  |  |  |
| + | 0, | 6 | 2 | 5 |  |  |  |  |
|  | 1 | 0 | 8 | 9, | 4 |  |  |  |

**C**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **kL** | **hL** | **daL** | **L** | **dL** | **cL** | **mL** |  |
|  |  |  |  | 0, | 3 | 5 |  |  |
|  |  |  |  |  | 8, | 6 |  |  |
|  |  |  | + |  | 1 | 7, | 5 |  |
|  |  |  |  | 1, | 3 | 8 | 5 |  |

**D**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **km** | **hm** | **dam** | **m** | **dm** | **cm** | **mm** |  |
|  | 0, | 2 | 0 | 9 |  |  |  |  |
|  |  |  | 4 | 5, | 6 | 3 |  |  |
|  |  |  | **6,** | **0** | **4** |  |  |  |
| **+** |  |  |  | **7** | **8** |  |  |  |
|  |  | **3** | **2** | **2,** | **8** | **3** |  |  |

**e**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **kg** | **hg** | **dag** | **g** | **dg** | **cg** | **mg** |  |
|  |  |  | 1 | 2 | 6, | 5 |  |  |
|  |  |  |  | 0, | 5 | 6 |  |  |
|  |  |  |  | 6 | 1 | 4, | 2 |  |
|  |  | + |  |  | 5 | 4 | 6 |  |
|  |  |  | 1 | 9, | 8 | 9 | 8 |  |

**f**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **kL** | **hL** | **daL** | **L** | **dL** | **cL** | **mL** |  |
|  |  |  | 1 | 8, | 0 | 6 |  |  |
|  |  |  | 7 | 3 | 0 | 4 |  |  |
|  |  |  |  |  | 0, | 6 | 9 |  |
|  |  | + | 0, | 8 | 2 |  |  |  |
|  |  |  | **9** | **9,** | **3** | **6** | **9** |  |