

CONVERSION DE VOLUMES

CORRIGE

| m <sup>3</sup> |    |  | dm <sup>3</sup> |   |    | cm <sup>3</sup> |    |    | mm <sup>3</sup> |   |   |
|----------------|----|--|-----------------|---|----|-----------------|----|----|-----------------|---|---|
|                |    |  | hL              |   | L  | dL              | cL | mL |                 |   |   |
| 1              | 3  |  | 0               | 0 | 0  |                 |    |    |                 |   |   |
|                |    |  |                 | 1 | 8  | 0               | 0  | 0  | 0               | 0 | 0 |
|                | 0, |  | 1               | 5 | 7  |                 |    |    |                 |   |   |
|                |    |  |                 |   | 0, | 0               | 0  | 1  | 7               | 5 | 0 |
|                |    |  |                 |   |    |                 |    | 0, | 1               | 2 | 5 |
|                |    |  |                 |   | 1, | 2               | 7  | 5  |                 |   |   |
|                |    |  | 9,              | 6 | 2, | 5               |    |    |                 |   |   |
|                | 1, |  | 2               | 5 | 0, | 3               |    |    |                 |   |   |
|                |    |  |                 |   | 7, | 2               | 5  | 0  | 0               | 0 | 0 |
|                | 1  |  | 2               | 5 | 8, | 2               | 5  | 0  | 0               | 0 | 0 |

EXERCICE 1

|    |                             |                               |
|----|-----------------------------|-------------------------------|
| a. | 13 m <sup>3</sup> =         | 13 000 dm <sup>3</sup>        |
| b. | 18 dm <sup>3</sup> =        | 18 000 000 mm <sup>3</sup>    |
| c. | 157 dm <sup>3</sup> =       | 0,157 m <sup>3</sup>          |
| d. | 1750 mm <sup>3</sup> =      | 0,001 750 dm <sup>3</sup>     |
| e. | 0,125 cm <sup>3</sup> =     | 125 mm <sup>3</sup>           |
| f. | 1,275 L =                   | 1,275 dm <sup>3</sup>         |
| g. | 9,625 hL =                  | 962,5 L                       |
| h. | 1 250,3 L =                 | 1,2503 m <sup>3</sup>         |
| i. | 7 250 000 mm <sup>3</sup> = | 7,25 m <sup>3</sup>           |
| j. | 1 258,25 dm <sup>3</sup> =  | 1 258 250 000 mm <sup>3</sup> |

| km <sup>3</sup> |    |  | hm <sup>3</sup> |   |    | dam <sup>3</sup> |   |    | m <sup>3</sup> |   |    |
|-----------------|----|--|-----------------|---|----|------------------|---|----|----------------|---|----|
|                 |    |  |                 |   |    |                  |   |    |                |   |    |
|                 |    |  |                 |   |    |                  |   | 0, | 0              | 3 | 0  |
|                 |    |  |                 |   | 0, | 1                | 4 | 8  |                |   |    |
| 1               | 5, |  | 7               | 0 | 0  |                  |   |    |                |   |    |
|                 |    |  |                 |   | 0, | 0                | 0 | 7  | 9              | 5 | 0  |
|                 | 0, |  | 0               | 5 | 4, | 2                |   |    |                |   |    |
|                 | 0, |  | 0               | 0 | 0  | 1                | 2 | 5  | 0              | 0 | 0  |
|                 | 0, |  | 0               | 0 | 0  | 0                | 1 | 2  | 2              | 5 | 3  |
|                 |    |  |                 |   | 0, | 7                | 1 | 1, | 3              | 2 |    |
|                 | 7, |  | 2               | 5 | 0  | 0                | 0 | 0, |                |   |    |
|                 |    |  |                 |   |    |                  |   | 0, | 1              | 2 | 3, |

EXERCICE 2

|    |                              |                               |
|----|------------------------------|-------------------------------|
| a. | 30 m <sup>3</sup> =          | 0,03 dam <sup>3</sup>         |
| b. | 148 dam <sup>3</sup> =       | 0,148 hm <sup>3</sup>         |
| c. | 15,7 km <sup>3</sup> =       | 15 700 hm <sup>3</sup>        |
| d. | 7 950 m <sup>3</sup> =       | 0,00 795 hm <sup>3</sup>      |
| e. | 54,2 hm <sup>3</sup> =       | 0,0542 km <sup>3</sup>        |
| f. | 0,000 125 km <sup>3</sup> =  | 125 000 m <sup>3</sup>        |
| g. | 12 253 m <sup>3</sup> =      | 0,000 012 253 km <sup>3</sup> |
| h. | 0,71 132 hm <sup>3</sup> =   | 711,32 dam <sup>3</sup>       |
| i. | 7,250 000 km <sup>3</sup> =  | 7 250 000 dam <sup>3</sup>    |
| j. | 0,123 985 dam <sup>3</sup> = | 123,985 m <sup>3</sup>        |