

**Corrigé de l'exercice 1**

Effectuer les conversions suivantes :

▶1. 2,56 daL=25 600 mL

|    |     |   |    |    |    |
|----|-----|---|----|----|----|
| hL | daL | L | dL | cL | mL |
| 0  | 2   | 5 | 6  | 0  | 0, |

▶2. 2,44 g=0,244 dag

|    |    |     |   |    |    |    |
|----|----|-----|---|----|----|----|
| kg | hg | dag | g | dg | cg | mg |
| 0  | 0  | 0,  | 2 | 4  | 4  | 0  |

▶3. 3,25 L=32,5 dL

|    |     |   |    |    |    |
|----|-----|---|----|----|----|
| hL | daL | L | dL | cL | mL |
| 0  | 0   | 3 | 2, | 5  | 0  |

▶4. 4,78 kg=4 780 000 mg

|    |    |     |   |    |    |    |
|----|----|-----|---|----|----|----|
| kg | hg | dag | g | dg | cg | mg |
| 4  | 7  | 8   | 0 | 0  | 0  | 0, |

▶5. 9,42 dag=94,2 g

|    |    |     |    |    |    |    |
|----|----|-----|----|----|----|----|
| kg | hg | dag | g  | dg | cg | mg |
| 0  | 0  | 9   | 4, | 2  | 0  | 0  |

▶6. 1,87 kg=18,7 hg

|    |    |     |   |    |    |    |
|----|----|-----|---|----|----|----|
| kg | hg | dag | g | dg | cg | mg |
| 1  | 8, | 7   | 0 | 0  | 0  | 0  |

**Corrigé de l'exercice 2**

Effectuer les conversions suivantes :

▶1. 3,35 hL=335 L

|    |     |   |    |    |    |
|----|-----|---|----|----|----|
| hL | daL | L | dL | cL | mL |
| 3  | 3   | 5 | 0  | 0  | 0  |

▶2. 73,7 hg=7370 000 mg

|    |    |     |   |    |    |    |
|----|----|-----|---|----|----|----|
| kg | hg | dag | g | dg | cg | mg |
| 7  | 3  | 7   | 0 | 0  | 0  | 0, |

▶3. 2,29 hL=229 L

|    |     |   |    |    |    |
|----|-----|---|----|----|----|
| hL | daL | L | dL | cL | mL |
| 2  | 2   | 9 | 0  | 0  | 0  |

▶4. 3,08 daL=308 dL

|    |     |   |    |    |    |
|----|-----|---|----|----|----|
| hL | daL | L | dL | cL | mL |
| 0  | 3   | 0 | 8  | 0  | 0  |

▶5. 38,5 L=3 850 cL

|    |     |   |    |    |    |
|----|-----|---|----|----|----|
| hL | daL | L | dL | cL | mL |
| 0  | 3   | 8 | 5  | 0, | 0  |

▶6. 62,7 km=62 700 000 mm

|    |    |     |   |    |    |    |
|----|----|-----|---|----|----|----|
| km | hm | dam | m | dm | cm | mm |
| 62 | 7  | 0   | 0 | 0  | 0  | 0, |

**Corrigé de l'exercice 3**

Effectuer les conversions suivantes :

▶1. 19,4 dm<sup>2</sup> = 0,001 94 dam<sup>2</sup>

▶2. 6,3 dm<sup>2</sup> = 0,000 63 dam<sup>2</sup>

▶3. 45,3 dam<sup>2</sup> = 0,004 53 km<sup>2</sup>

▶4. 4,24 cm<sup>2</sup> = 0,000 424 m<sup>2</sup>

▶5. 8,58 cm<sup>2</sup> = 0,085 8 dm<sup>2</sup>

▶6. 5,55 dm<sup>2</sup> = 0,055 5 m<sup>2</sup>

|                 |                 |                  |                |                 |                 |                 |
|-----------------|-----------------|------------------|----------------|-----------------|-----------------|-----------------|
| km <sup>2</sup> | hm <sup>2</sup> | dam <sup>2</sup> | m <sup>2</sup> | dm <sup>2</sup> | cm <sup>2</sup> | mm <sup>2</sup> |
|                 |                 |                  | 0,             | 0               | 1               | 9               |
|                 |                 |                  | 0,             | 0               | 0               | 6               |
| 0,              | 0               | 0                | 4              | 5               | 3               |                 |
|                 |                 |                  |                | 0,              | 0               | 0               |
|                 |                 |                  |                | 0,              | 0               | 8               |
|                 |                 |                  |                | 0,              | 0               | 5               |
|                 |                 |                  |                |                 | 4               | 2               |
|                 |                 |                  |                |                 | 8               | 5               |
|                 |                 |                  |                |                 | 5               | 5               |
|                 |                 |                  |                |                 |                 | 4               |
|                 |                 |                  |                |                 |                 | 8               |

**Corrigé de l'exercice 4**

Effectuer les conversions suivantes :

▶1. 69,2 km<sup>2</sup> = 692 000 dam<sup>2</sup>

▶2. 8,55 m<sup>2</sup> = 0,085 5 dam<sup>2</sup>

▶3. 7,08 dm<sup>2</sup> = 708 cm<sup>2</sup>

▶4. 81,9 cm<sup>2</sup> = 8 190 mm<sup>2</sup>

▶5. 7,53 m<sup>2</sup> = 0,075 3 dam<sup>2</sup>

▶6. 70,4 km<sup>2</sup> = 704 000 dam<sup>2</sup>

| km <sup>2</sup> |   | hm <sup>2</sup> |   | dam <sup>2</sup> |    | m <sup>2</sup> |   | dm <sup>2</sup> |   | cm <sup>2</sup> |    | mm <sup>2</sup> |    |
|-----------------|---|-----------------|---|------------------|----|----------------|---|-----------------|---|-----------------|----|-----------------|----|
| 6               | 9 | 2               | 0 | 0                | 0, | 0              | 8 | 5               | 5 | 0               | 8, | 9               | 0, |
|                 |   |                 |   |                  | 0, |                |   |                 | 7 | 8               | 1  |                 |    |
|                 |   |                 |   |                  |    |                |   |                 |   |                 |    |                 |    |
| 7               | 0 | 4               | 0 | 0                | 0, | 0              | 7 | 5               | 3 |                 |    |                 |    |
|                 |   |                 |   |                  | 0, |                |   |                 |   |                 |    |                 |    |

### Corrigé de l'exercice 5

Effectuer les conversions suivantes :

►1.  $4,38 \text{ m}^3 = 4\,380 \text{ dm}^3$

►2.  $12,2 \text{ km}^3 = 12\,200\,000 \text{ dam}^3$

►3.  $4,94 \text{ cm}^3 = 0,000\,004\,94 \text{ m}^3$

►4.  $33,9 \text{ m}^3 = 0,033\,9 \text{ dam}^3$

►5.  $7,7 \text{ m}^3 = 7\,700 \text{ dm}^3$

►6.  $7,57 \text{ hm}^3 = 7\,570 \text{ dam}^3$

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

### Corrigé de l'exercice 6

Effectuer les conversions suivantes :

►1.  $29,8 \text{ m}^3 = 0,029\,8 \text{ dam}^3$

►2.  $8,41 \text{ cm}^3 = 0,000\,008\,41 \text{ m}^3$

►3.  $5,78 \text{ dm}^3 = 0,000\,005\,78 \text{ dam}^3$

►4.  $26,7 \text{ km}^3 = 26\,700 \text{ hm}^3$

►5.  $3,23 \text{ hm}^3 = 3\,230 \text{ dam}^3$

►6.  $5,95 \text{ cm}^3 = 0,000\,005\,95 \text{ m}^3$

| km <sup>3</sup> |   |   | hm <sup>3</sup> |    |   | dam <sup>3</sup> |   |    | m <sup>3</sup> |   |    | dm <sup>3</sup> |   |   | cm <sup>3</sup> |   |   | mm <sup>3</sup> |   |  |  |
|-----------------|---|---|-----------------|----|---|------------------|---|----|----------------|---|----|-----------------|---|---|-----------------|---|---|-----------------|---|--|--|
|                 |   |   |                 |    |   |                  |   | 0, | 0              | 2 | 9  | 8               |   |   |                 |   |   |                 |   |  |  |
|                 |   |   |                 |    |   |                  |   | 0, | 0,             | 0 | 0  | 0               | 0 | 0 | 0               | 0 | 8 | 4               | 1 |  |  |
|                 |   |   |                 |    |   |                  |   | 0, | 0,             | 0 | 0  | 0               | 0 | 5 | 7               | 8 |   |                 |   |  |  |
| 2               | 6 | 7 | 0               | 0, | 3 | 2                | 3 | 0, |                |   | 0, | 0               | 0 | 0 | 0               | 0 | 5 | 9               | 5 |  |  |
|                 |   |   |                 |    |   |                  |   | 0, |                |   | 0, | 0               | 0 | 0 | 0               | 0 | 5 |                 |   |  |  |