MathALEA

Entraînement 5M22

EX 1

Compléter :

6M31

1. 70 $dam^3 =$ ..... m^3

2. 8 $km^3 =$ ..... m^3

3. 100 $hm^3 =$ ..... m^3

4. 600 $km^3 =$ ..... m^3

5. 800 $dam^3 =$ ..... m^3

6. 88 $km^3 =$ ..... m^3

EX 2

Compléter :

6M31

1. 0,04 $hm^3 =$ ..... m^3

2. 0,02 $dam^3 =$ ..... m^3

3. 9,69 $hm^3 =$ ..... m^3

4. 0,7 $km^3 =$ ..... m^3

5. 3,4 $km^3 =$ ..... m^3

6. 0,03 $hm^3 =$ ..... m^3

EX 3

Compléter :

6M31

1. 9,8 $cm^3 =$ ..... m^3

2. 0,07 $cm^3 =$ ..... m^3

3. 0 $cm^3 =$ ..... m^3

4. 6,76 $dm^3 =$ ..... m^3

5. 8,7 $dm^3 =$ ..... m^3

6. 0,04 $dm^3 =$ ..... m^3

EX 4

Compléter :

6M31

1. 2,51 $dm^3 =$ ..... m^3

2. 9,28 $m^3 =$ ..... dm^3

3. 0,4 $dm^3 =$ ..... m^3

4. 0,05 $cm^3 =$ ..... m^3

5. 0,04 $dm^3 =$ ..... dam^3

6. 15,4 $dam^3 =$ ..... dm^3

Corrections

EX 1

1. $70\ \text{dam}^3 = 70 \times 10 \times 10 \times 10\ \text{m}^3 = 70\,000\ \text{m}^3$
2. $8\ \text{km}^3 = 8 \times 1\,000 \times 1\,000 \times 1\,000\ \text{m}^3 = 8\,000\,000\,000\ \text{m}^3$
3. $100\ \text{hm}^3 = 100 \times 100 \times 100 \times 100\ \text{m}^3 = 100\,000\,000\ \text{m}^3$
4. $600\ \text{km}^3 = 600 \times 1\,000 \times 1\,000 \times 1\,000\ \text{m}^3 = 600\,000\,000\,000\ \text{m}^3$
5. $800\ \text{dam}^3 = 800 \times 10 \times 10 \times 10\ \text{m}^3 = 800\,000\ \text{m}^3$
6. $88\ \text{km}^3 = 88 \times 1\,000 \times 1\,000 \times 1\,000\ \text{m}^3 = 88\,000\,000\,000\ \text{m}^3$

EX 2

1. $0{,}04\ \text{hm}^3 = 0{,}04 \times 100 \times 100 \times 100\ \text{m}^3 = 40\,000\ \text{m}^3$
2. $0{,}02\ \text{dam}^3 = 0{,}02 \times 10 \times 10 \times 10\ \text{m}^3 = 20\ \text{m}^3$
3. $9{,}69\ \text{hm}^3 = 9{,}69 \times 100 \times 100 \times 100\ \text{m}^3 = 9\,690\,000\ \text{m}^3$
4. $0{,}7\ \text{km}^3 = 0{,}7 \times 1\,000 \times 1\,000 \times 1\,000\ \text{m}^3 = 700\,000\,000\ \text{m}^3$
5. $3{,}4\ \text{km}^3 = 3{,}4 \times 1\,000 \times 1\,000 \times 1\,000\ \text{m}^3 = 3\,400\,000\,000\ \text{m}^3$
6. $0{,}03\ \text{hm}^3 = 0{,}03 \times 100 \times 100 \times 100\ \text{m}^3 = 30\,000\ \text{m}^3$

EX 3

1. $9{,}8\ \text{cm}^3 = 9{,}8 \div 100 \div 100 \div 100\ \text{m}^3 = 0{,}000\,009\,8\ \text{m}^3$
2. $0{,}07\ \text{cm}^3 = 0{,}07 \div 100 \div 100 \div 100\ \text{m}^3 = 0{,}000\,000\,07\ \text{m}^3$
3. $0\ \text{cm}^3 = 0 \div 100 \div 100 \div 100\ \text{m}^3 = 0{,}000\,000\,01\ \text{m}^3$
4. $6{,}76\ \text{dm}^3 = 6{,}76 \div 10 \div 10 \div 10\ \text{m}^3 = 0{,}006\,76\ \text{m}^3$
5. $8{,}7\ \text{dm}^3 = 8{,}7 \div 10 \div 10 \div 10\ \text{m}^3 = 0{,}008\,7\ \text{m}^3$
6. $0{,}04\ \text{dm}^3 = 0{,}04 \div 10 \div 10 \div 10\ \text{m}^3 = 0{,}000\,04\ \text{m}^3$

EX 4

1. $2{,}51\ \text{dm}^3 = 2{,}51 \div 1\,000\ \text{m}^3 = 0{,}002\,51\ \text{m}^3$
2. $9{,}28\ \text{m}^3 = 9{,}28 \times 1\,000\ \text{dm}^3 = 9\,280\ \text{dm}^3$
3. $0{,}4\ \text{dm}^3 = 0{,}4 \div 1\,000\ \text{m}^3 = 0{,}000\,4\ \text{m}^3$

4. $0{,}05\ \text{cm}^3 = 0{,}05 \div 1\,000 \div 1\,000\ \text{m}^3 = 0{,}000\,000\,05\ \text{m}^3$

5. $0{,}04\ \text{dm}^3 = 0{,}04 \div 1\,000 \div 1\,000\ \text{dam}^3 = 0{,}000\,000\,04\ \text{dam}^3$

6. $15{,}4\ \text{dam}^3 = 15{,}4 \times 1\,000 \times 1\,000\ \text{dm}^3 = 15\,400\,000\ \text{dm}^3$