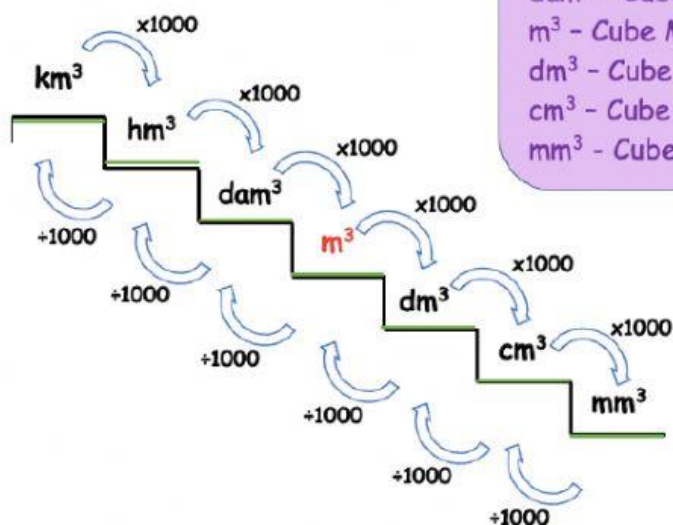


UNITS OF VOLUME



km^3 - Cube Kilometer
 hm^3 - Cube Hectometer
 dam^3 - Cube Decameter
 m^3 - Cube Meter
 dm^3 - Cube Decimeter
 cm^3 - Cube Centimeter
 mm^3 - Cube Millimeter

1.- Convert to the unit which is specified:

- | | | | |
|-----------------------------|---------------|---------------------------|----------------|
| a) $2.3 \text{ km}^3 =$ | hm^3 | b) $0.02 \text{ dam}^3 =$ | m^3 |
| c) $2.56 \text{ dam}^3 =$ | dm^3 | d) $1258 \text{ dm}^3 =$ | m^3 |
| e) $0.52 \text{ m}^3 =$ | mm^3 | f) $1.72 \text{ hm}^3 =$ | dam^3 |
| g) $80723 \text{ mm}^3 =$ | cm^3 | h) $23.25 \text{ m}^3 =$ | cm^3 |
| i) $241086 \text{ dam}^3 =$ | km^2 | j) $459 \text{ m}^3 =$ | hm^3 |

2.- Express all measurements in cubic meters as in the example:

a) $0.02 \text{ hm}^3 \ 3.2 \text{ dam}^3 \ 38 \text{ m}^3 \ 867 \text{ dm}^3 \rightarrow 20000\text{m}^3 \ 3200\text{m}^3 + 38\text{m}^3 + 0.867\text{m}^3 = 23238.867 \text{ m}^3$

b) $0.006 \text{ km}^3 \ 3 \text{ hm}^3 \ 12 \text{ dam}^3 \ 91 \text{ m}^3 \rightarrow \text{m}^3 + \text{m}^3 + \text{m}^3 + \text{m}^3 = \text{m}^3$

c) $4.2 \text{ dam}^3 \ 192 \text{ m}^3 \ 315 \text{ dm}^3 \rightarrow \text{m}^3 + \text{m}^3 + \text{m}^3 = \text{m}^3$

d) $98 \text{ m}^3 \ 152 \text{ dm}^3 \ 112349 \text{ cm}^2 \rightarrow \text{m}^3 + \text{m}^3 + \text{m}^3 = \text{m}^3$

3.- A can of coke contains 330 cm^3 . How many cubic meters (m^3) of coke does a pack contain of 24 cans of coke?



A pack of 24 cans of coke →

cm^3 →

m^3

4.- A drop of medicine takes up 75 mm^3 . How many drops of medicine could be in a 300 cm^3 bottle?



A drop of medicine →

mm^3

Bottle of medicine →

mm^3

Drops of medicine →

drops

5.- The López family consumes 850000 cm^3 of water on average everyday. If a cubic meter of water costs 2.8 € , how much does the López family pay for water in one day?

Consumed water in one day →

m^3

Money for water in one day →

€

