

LA MEDIDA: MAGNITUDES Y UNIDADES

1. VOLUMEN (LITRO).

Ejemplos:

- | | | | | | | | |
|----|------|---|---------|----|---------|---|---------|
| a) | 3 kl | = | 3000 l | c) | 9,5 l | = | 9500 ml |
| b) | 75 l | = | 7500 cl | d) | 2500 ml | = | 2,5 l |

Ejercicios:

- | | | | | | | | |
|----|---------|---|----|----|---------|---|----|
| a) | 8 l | → | cl | d) | 7,39 kl | → | l |
| b) | 0,5 kl | → | l | e) | 2843 l | → | kl |
| c) | 12,4 cl | → | ml | f) | 426 cl | → | l |

2. VOLUMEN (LITRO Y DECÍMETRO CÚBICO).

$1 \text{ l} = 1 \text{ dm}^3$

Ejemplos:

- | | | | | | | | | |
|----|---------------------|---|-----------------|---|---------------------|---|----------------------|---------------------|
| a) | 4 l | → | dm ³ | : | 4 l | = | 4 dm ³ | |
| b) | 123 dm ³ | → | l | : | 123 dm ³ | = | 123 l | |
| c) | 5 m ³ | → | l | : | 5 m ³ | = | 5000 dm ³ | = 5000 l |
| d) | 4000 ml | → | dm ³ | : | 4000 ml | = | 4 l | = 4 dm ³ |

Ejercicios:

- | | | | | | | | |
|----|--------------------|---|-----------------|----|----------------------|---|-----------------|
| a) | 7 l | → | dm ³ | e) | 3 m ³ | → | ml |
| b) | 42 dm ³ | → | l | f) | 5000 ml | → | cm ³ |
| c) | 15 m ³ | → | l | g) | 0,005 m ³ | → | l |
| d) | 25000 ml | → | dm ³ | h) | 6500 cm ³ | → | l |

3. TIEMPO.

Ejemplos:

- | | | | | | | |
|----|----------|---|----------|---|----------|-----------|
| a) | 1 hora | = | 60 min | = | 3600 s | |
| b) | 1 día | = | 24 horas | = | 1440 min | = 86400 s |
| c) | 259200 s | = | 4320 min | = | 72 horas | = 3 días |

Ejercicios:

- | | | | | | | | |
|----|---------|---|-------|----|----------|---|-------|
| a) | 4 horas | → | min | d) | 720 min | → | horas |
| b) | 5 horas | → | s | e) | 2160 min | → | días |
| c) | 5400 s | → | horas | f) | 172800 s | → | días |

SOLUCIONES

1. VOLUMEN (LITRO).

- a) 8 l → 800 cl
- b) 0,5 kl → 500 l
- c) 12,4 cl → 124 ml
- d) 7,39 kl → 7390 l
- e) 2843 l → 2,843 kl
- f) 426 cl → 4,26 l

2. VOLUMEN (LITRO Y DECÍMETRO CÚBICO).

$1 \text{ l} = 1 \text{ dm}^3$

- a) 7 l → 7 dm³
- b) 42 dm³ → 42 l
- c) 15 m³ → 15000 dm³ = 15000 l
- d) 25000 ml → 25 l = 25 dm³
- e) 3 m³ → 3000 dm³ = 3000 l = 3000000 ml
- f) 5000 ml → 5 l = 5 dm³ = 5000 cm³
- g) 0,005 m³ → 5 dm³ = 5 l
- h) 6500 cm³ → 6,5 dm³ = 6,5 l

3. TIEMPO.

- a) 4 horas → 4·60 = 240 min
- b) 5 horas → 5·60 = 300 min = 300·60 = 18000 s
- c) 5400 s → 5400/60 = 90 min = 90/60 = 1,5 horas
- d) 720 min → 720/60 = 12 horas
- e) 2160 min → 2160/60 = 36 horas = 36/24 = 1,5 días
- f) 172800 s → 172800/60 = 2880 min = 2880/60 = 48 horas = 48/24 = 2 días