

Pr: ΤΕΤΑΡΤΗ 22/10/2025 ΦΥΣΙΚΗ.

ΜΕΤΑΤΡΟΠΕΣ ΜΟΝΑΔΩΝ ΠΥΚΝΟΤΗΤΑΣ

ΠΑΡΑΔΕΙΓΜΑΤΑ.

$$2,5 \frac{\text{g}}{\text{cm}^3} = 2,5 \cdot \frac{\frac{1}{1000} \text{ kg}}{\frac{1}{1000} \text{ dm}^3} = 2,5 \frac{\text{kg}}{\text{dm}^3} = 2,5 \frac{\text{kg}}{\text{l}}$$

$$2,5 \frac{\text{g}}{\text{cm}^3} = 2,5 \frac{\text{g}}{\frac{1}{1000} \text{ dm}^3} = 2,5 \cdot 1000 \frac{\text{g}}{\text{dm}^3} = 2500 \frac{\text{g}}{\text{l}}$$

$$2,5 \frac{\text{g}}{\text{cm}^3} = 2,5 \cdot \frac{\frac{1}{1000} \text{ kg}}{\frac{1}{1.000.000} \text{ m}^3} = 2,5 \cdot \frac{1.000.000}{1000} \frac{\text{kg}}{\text{m}^3} = 2500 \frac{\text{kg}}{\text{m}^3}$$

2) $420 \frac{\text{kg}}{\text{m}^3} \xrightarrow{?} \frac{\text{g}}{\text{cm}^3}$

β) $56 \frac{\text{g}}{\text{l}} \rightarrow \frac{\text{g}}{\text{mm}^3}$

$$2) 420 \cdot \frac{1000 \text{ g}}{1.000.000 \text{ cm}^3} = \frac{420}{1000} \frac{\text{g}}{\text{cm}^3} = 0,42 \frac{\text{g}}{\text{cm}^3}$$

$$β) 56 \frac{\text{g}}{\text{l}} = 56 \frac{\text{g}}{1.000.000 \text{ mm}^3} = 0,000056 \frac{\text{g}}{\text{mm}^3}$$

Να διαβάσετε τις μετατροπές γιατί θα γράψετε
TEST.