

Conversion of concentration units

Answers

1) $6.72 \times 10^{-2} \text{ mol} = 67.2 \text{ mmol}$

2) $34.6 \text{ mmol} = 0.0346 \text{ mol}$

3) $1.67 \times 10^{-2} \text{ mmol} = 1.67 \times 10^{-5} \text{ mol}$

4) $1.3 \times 10^{-2} \text{ mol dm}^{-3} = 1.3 \times 10^{-5} \text{ mol cm}^{-3}$

5) $12.8 \text{ mol dm}^{-3} = 12.8 \text{ mmol cm}^{-3}$

6) $0.026 \text{ mmol dm}^{-3} = 0.026 \text{ } \mu\text{mol cm}^{-3}$

7) $23.8 \text{ kg m}^{-3} = 23.8 \times 10^{-3} \text{ g cm}^{-3}$

8) $0.025 \text{ mg mL}^{-1} = 0.025 \text{ g dm}^{-3}$

9) $0.034 \text{ g dm}^{-3} = 34 \text{ } \mu\text{g mL}^{-1}$

10) $1.2 \times 10^{-2} \text{ } \mu\text{g cm}^{-3} = 1.2 \times 10^{-5} \text{ kg m}^{-3}$