

3. Answer the following unit conversion problems:

$$1.5 \text{ m}^3 \text{ seawater into liters: } 1.5 \text{ m}^3 = 1500 \text{ l}$$

$$14 \text{ liters of seawater into m}^3: 14 \text{ l seawater} = 0.014 \text{ m}^3$$

$$1.5 \text{ mg NaCl L}^{-1} = 1.5 \text{ } \mu\text{g NaCl cm}^{-3}$$

$$3 \text{ mg chlorophyll L}^{-1} = 3 \text{ g m}^{-3}$$

$$20 \text{ } \mu\text{L} = 0.02 \text{ mL}$$