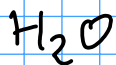


X extensiv

$$x := \frac{X}{m} \quad \text{"spezifisches } X \text{"}$$

$$v = \frac{V}{m}$$

Molmasse von Wasser



$$\text{H} \rightarrow 1$$

$$\text{O} \rightarrow 16$$

$$M = 18 \text{ g/mol}$$

$$= 18 \cdot 10^{-3} \frac{\text{kg}}{\text{mol}}$$

$$X_m := \frac{X}{n} \quad \text{"molares } X \text{"}$$

$$V_m = \frac{V}{n} \quad \begin{array}{l} \text{molares Volumen} \\ \text{Molvolumen} \end{array}$$

$$\begin{aligned} X_m &= \frac{X}{n} = \frac{X}{M \cdot n} \cdot M = \frac{X}{m} M \\ &= x \cdot M \end{aligned}$$