Jiří Kalvoda
Gymnázium Brno, tř. Kpt. Jaroše
3.A
TODO ULOHA

$n_a = \frac{11.476}{56.1056}$

$c_A = \frac{n_a}{V} = \frac{\frac{11.476}{56.1056}}{180} \doteq 1.14 \cdot 10^{-3}\ \frac{\text{Mol}}{\text{cm}^3}$

$n_a = c_A \cdot V = 2 \cdot 0.125 = 0.25\ \text{Mol}$

$m = 0.25 \cdot 315.464 = 78\ \text{g}.$

$\frac{120}{200} = 100\%$

$\frac{20}{150+20} = 0.117$

$V = 2.5 \cdot 10\% = 0.25\ \text{dm}^3 = 250\ \text{cm}^3$

$m = 1.0674 \cdot 250 = 267\ \text{g}$

$m_{\text{H}_2\text{O}} = 720 \cdot (1 - 12.5\%) = 630$

$m_{\text{NaCl}} = 720 \cdot 12.5\% + 30 = 120$

$\frac{120}{630+120} = 16\%$

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$n = \frac{3.5}{56} = 0.0625 \text{ mol}$

$V = \frac{0.0625}{0.125} = 0.5 \text{ dm}^3 = 500 \text{ cm}^3$