

25. 1 mM Fesegärte. 178 mM Kationenconc.

$$4,76 \times 10^7 (178) = 8.5 \times 10^{11} \text{ Nm}^2$$

$P_{\text{Kg}} = P_{\text{K}} P_{\text{H}}$ um die result. zu erhitzen

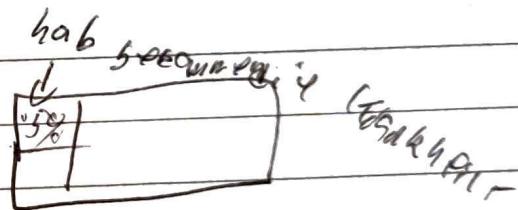
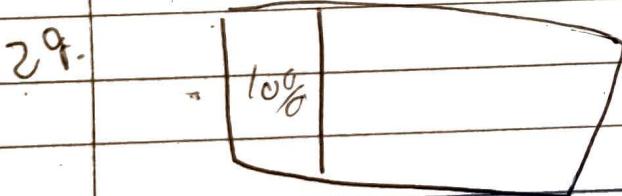
$$26. E = k \frac{a_1 a_2}{D r^2} \quad k = 138 \text{ A} \quad 12 \text{ A} = 1,7 \cdot 10^{-9}$$

$$E = 1,447 \text{ V} \cdot \text{mol}^{-1}$$

$$E = 57,875 \text{ Rj mol}^{-1}$$

$$27. 1,5 \times 10^7$$

$$28. \frac{(20)}{(10)} = 184,756$$



$$\frac{7,5\%}{95\%} = 0,074$$