



$$4,64 \cdot 10^{-4} \quad /$$

$$-x$$

$$4,64 \cdot 10^{-4} - x$$

$$/$$

$$x$$

$$+x$$

$$/$$

$$x$$

$$+x$$

$$K_b = \frac{x^2}{4,64 \cdot 10^{-4} - x}$$

the generated x

$$5,71 \cdot 10^{-10} = \frac{x^2}{4,64 \cdot 10^{-4}}$$

$$x = 5,14 \cdot 10^{-7}$$

$$\text{pOH} = -\log(5,14 \cdot 10^{-7}) = 6,28$$

$$\text{pH} = 14 - 6,28 = 7,72$$