

# הקשר של $pK_a$ ו- $pK_b$

$$K_a \cdot K_b = K_w \quad (-\log)$$

$$-\log(K_a \cdot K_b) = -\log(K_w)$$

$$-\log(K_a) - \log(K_b) = -\log(K_w)$$

$$pK_a + pK_b = pK_w$$

$$pK_a + pK_b = 14$$

$$\log(xy) = \log(x) + \log(y)$$

$$-\log(10^{-14}) = 14$$