

СНОВНАМ ГУРТА  
180749

HW 16

$$P(N_b = 0)$$

$$N(t) \sim \text{Pois}(1t)$$

$$PMF = \frac{(1t)^k e^{-1t}}{k!}$$

,  $k$  is no. of occurrences  
 $k = 0, 1, 2$

$$\boxed{P(N_b = 0) = e^{-16}}$$

