= Jema LAB 3 = 1) $\times \sim \begin{pmatrix} 1 & 2 & ... & 5 & 6 & 7 & ... & 12 \\ 0 & 1 & ... & 5 & 6 & ... & 12 \\ 36 & 2 & ... & 36 & 36 & 36 & ... & 36 \end{pmatrix}$, Voueideila obatoone a) $P(5) = \frac{4}{36} \left\{ (1,4), (4,1), (2,3), (3,2) \right\}$ P(7) = \frac{6}{36} \(\begin{aligned} \begin{ P(2) = = = (1,1)} Cp = 6.6 = 36 carmi posibile > perobobilitatea ca in primele n-1 obunçali sai onu pice surna 5 sau 4: (x, x (5,7)) = (26 m-1 ion en a m-a obuncaire sa pice 5: P(A) 3 (26). 36 Serma 2 sou 4: $P(x, x \notin \{2, 4\}) = \frac{28}{36} + \frac{1}{36}$ ior in a n-a observable sã pice 2: $P(x) = \frac{28}{36} + \frac{1}{36}$ 2) Y = P(x) = P(x) = P(x)a) $P(x \ge -\frac{1}{3}) = P(x) = P(x)$ b) > probabilitates co in ______ a) $P(x \ge -\frac{1}{3}) = \sum_{n=0}^{\infty} P(n) = P(0) + P(1) = 0, 7$ b) $P(X < \frac{1}{4} | X \ge -\frac{1}{2}) = \frac{P(-\frac{1}{2} \le X \le \frac{1}{4})}{P(X \ge -\frac{1}{2})} = \frac{\sum_{m \ge -1}^{\infty} P(m)}{\sum_{m \ge -1}^{\infty} P(m)} = \frac{P(0)}{\sum_{m \ge -1}^{\infty} P$ z 0,2 z 0,28

3) a)
$$\dim(i)$$
 => $\lim_{x \to \infty} \frac{1}{m!}$ => $\lim_{x \to \infty} \frac{1}{m!} \cdot \frac{1$

5) a)
$$E[X] = \sum_{k=0}^{+\infty} k (P(X - k)) = \sum_{k=1}^{+\infty} k (1 - p)^{k} = \sum_$$