Probability explaned

Legismonth of MSUBURI 52 DU OT PCJ ON \bigcirc = $\boxed{4000}$ =

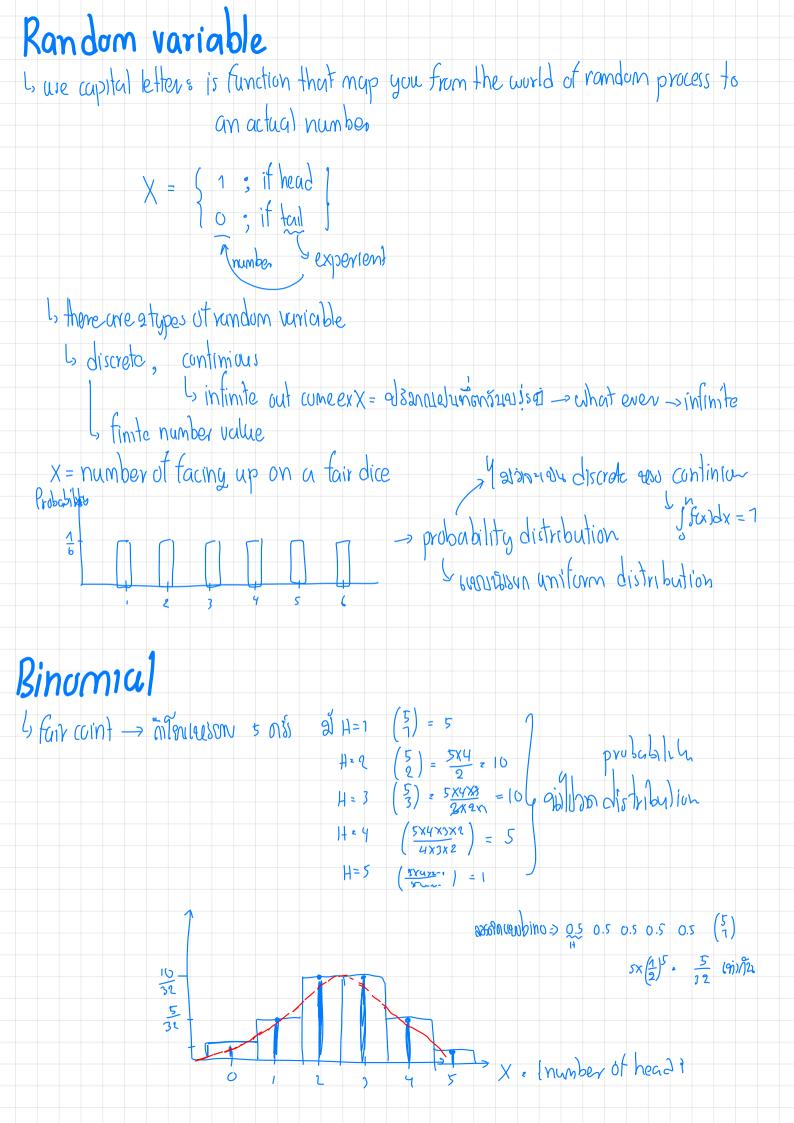
Compound probability of independent events

l, morning to $\rightarrow H$, $T = \frac{1}{2}$

$$=\frac{9}{4}$$

(2) $P(HH) = P(H_1) \cdot P(H_2) \rightarrow \text{independent event}$ = $\frac{1}{3} \times \frac{1}{2}$

Probability without equally likely event P(A) = #number of event; satisfy A #number of all events number at satisfy A in order to visualize prob 1008/108/1011 681 08 51 08 some Frequentist approach Hinli in term trequency probability ย้อนกลัยเลกอากเลโซแดนริยทเข้เข้น 10mmmmmm รอบ → probabily a= P(1+) ≈ 60%. in P(A, H2) = ? independent = P(H) - P(H2) $= 0.6 \times 0.6$ = 0.36



$$P(X=0) = 0.3 \times 0$$

Expect value: E(X)

Labout the mean

$$\frac{1}{5} (3(3) + 1(4) + 1(5)) \text{ number xaisaia}$$

$$\frac{1}{5} (3(3) + \frac{1}{5}(4) + \frac{1}{5}(5)$$

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$$\frac{1}{5} (3(3) + \frac{1}{5}(4) + \frac{1}{5}(4) +$$

จังฌลหังแลก

L) ส่วนขึ้งะมีขนขึ้นของมูลที่ finite แล้กเป็น infinite และ พาชรใจ?

4 expect value of binomial value

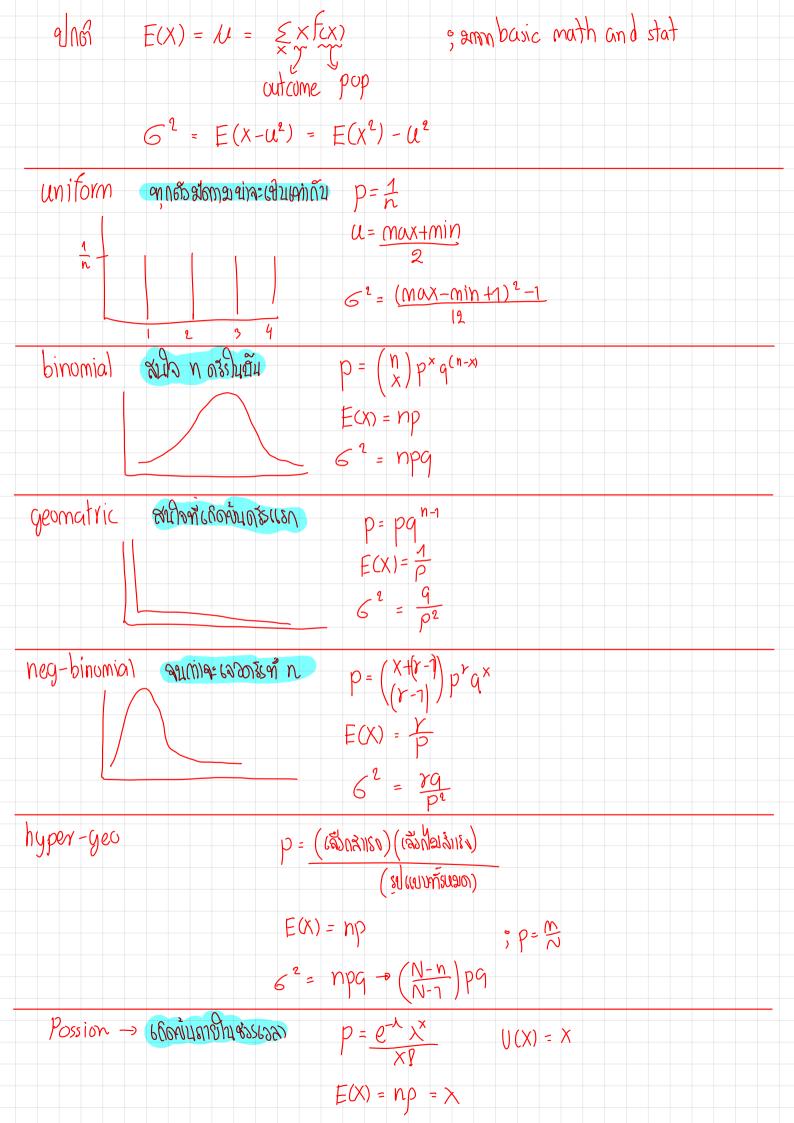
 $0 + 1 \binom{h}{1} p^{1} (1-p)^{n-1} + \cdots + n \binom{h}{h} p^{h} (1-p)^{n-h}$

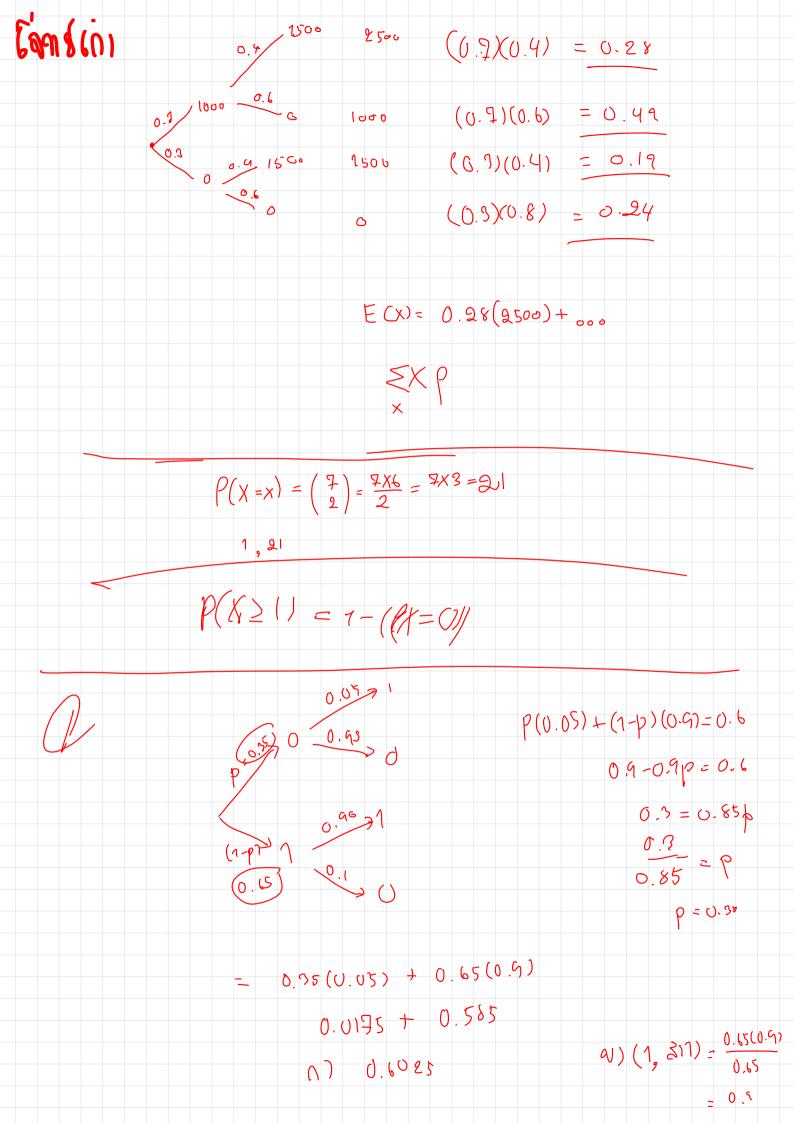
= np #true only bincamul distribution

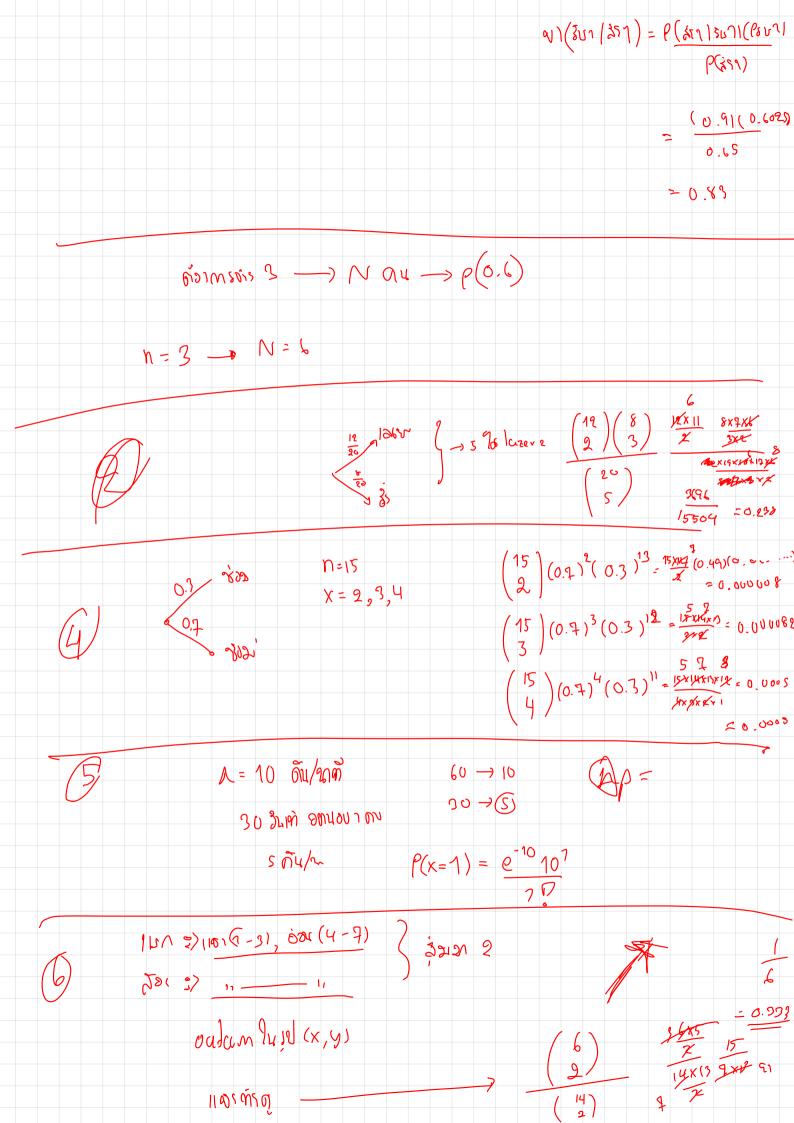
Possion process1 ไร อาราช กากการสุมเนื่องกุม โกรวรเรามกรุ่ง La moulishinina random variable - X= number at car pass in an hour E(X) = \ = np ass binomial

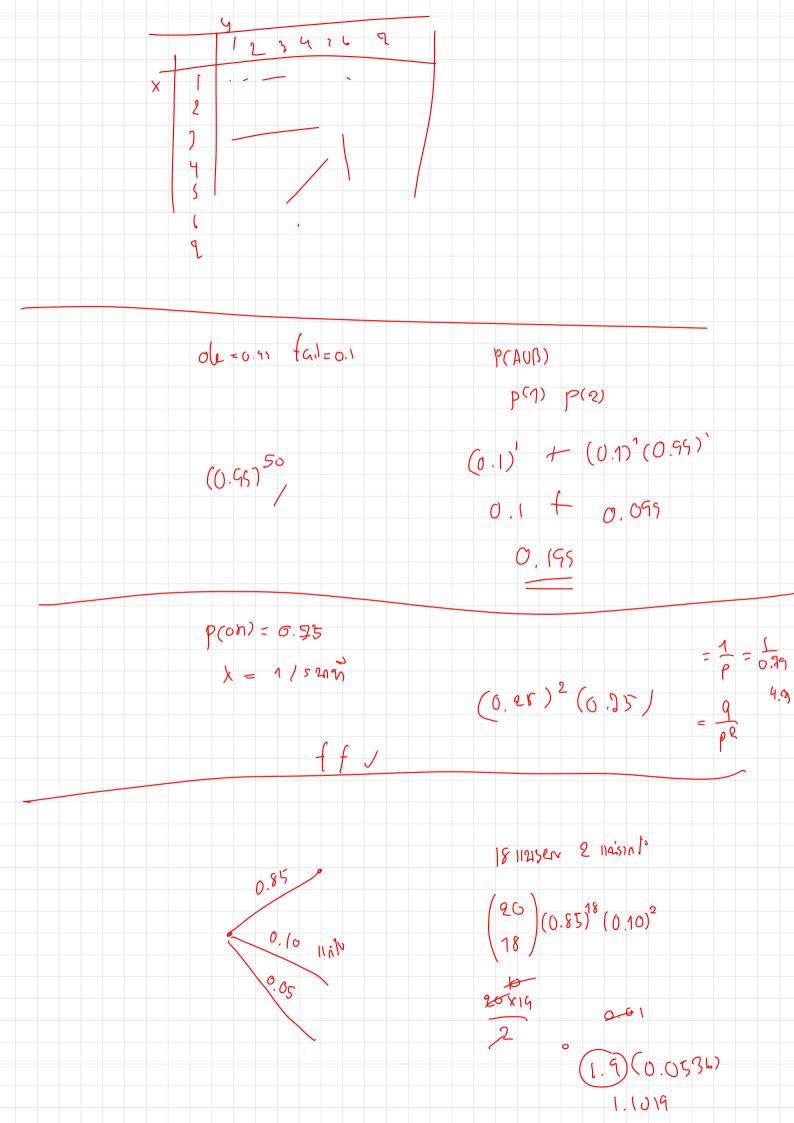
something -> number of car pass in an hour

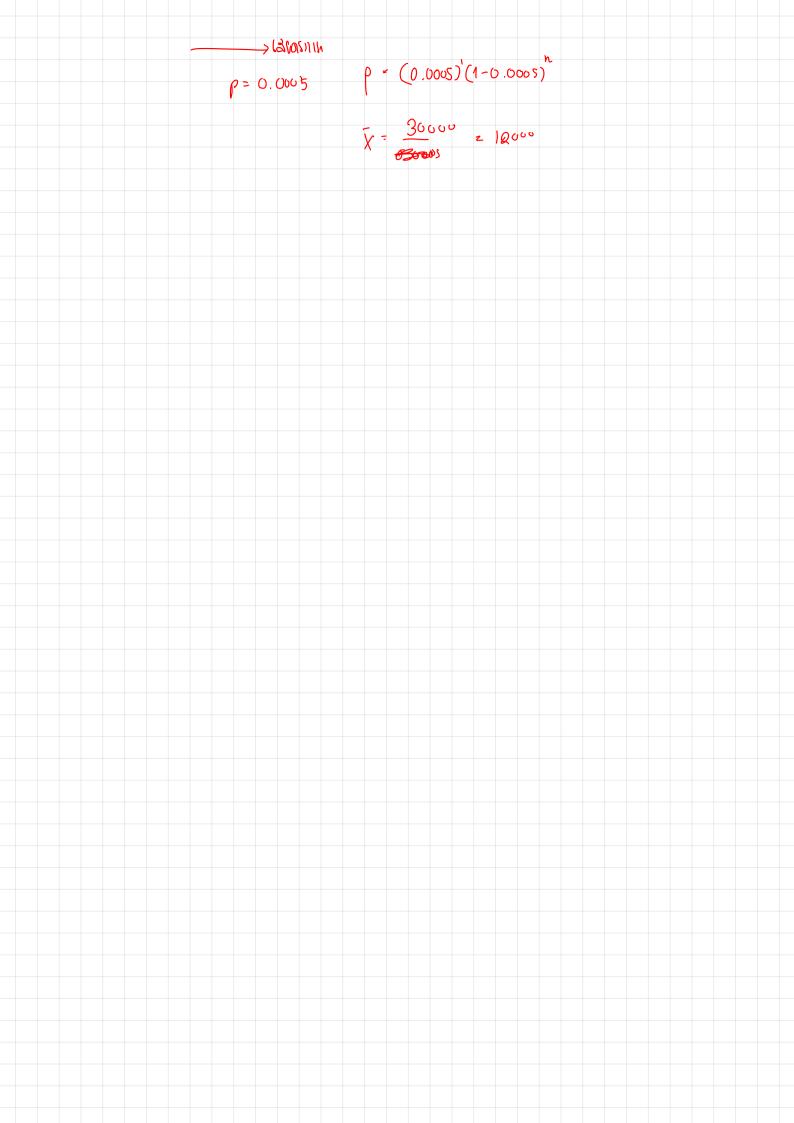
time something success in the time interval











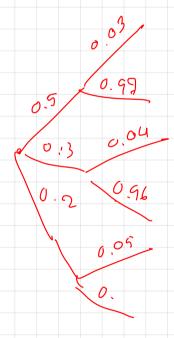
Converse > 1 200 steam lost, history, an

900 Jonisar/requit = 0.0005

rhighan server às $E(x) = \frac{x}{\rho} = 8000$

3 u request oilside = P(x=41 P(x=51 Y(x=6))

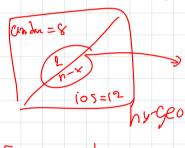
904



P(D) = 0.0390

p (M, 1)) = 0.40s

N05



ñ121 nandro = a p=0.193

α b λ = [0

p- 6-50

0.993621