Let $M = \frac{1}{3} \frac{1}{26} \frac{1}{15}$ Let $M = \frac{1}{3} \frac{1}{26} \frac{1}{15}$ $M = \frac{1}{3} \frac{1}{36} \frac{1}{15}$ $M = \frac{1}{3} \frac{1}{36} \frac{1}{15}$ $M = \frac{1}{3} \frac{1}{36} \frac{1}{15} \frac{$

X ~ Neg Br(r,p) E(X)... yill see later (190 series manuly to colubre) or percevile" of a r.v. Non idea Omile [X, p]:= m/n & F(x) > p} its the first X" (" ascerting order) that captures $p \ge p(x \le x)$ is More ohm p grop of the support is & to it. X~ bis (10,09) 10% ile of x ? 2 0.9060 0.0960 8.140 F 0.1653 0.1209 20%16 ? 0.2150 0.3013 30%, le 3 0.2500 0-6331 0-2007 0.8331 Parile ? 2.945 0.1115 0.9887 75%,le? 0.0100 0.9983 95 Y:16 ? 0.0016 0.9999 1.9800 9.9001 Redin(x):- Rudde X, 0.5] 5.6. Et down below t Medan(X) = IZ(X)? NO IRR(X):= Ruste (4,0.25) - Rustle (x,0.5) How much file sypaso is in the middle 50% of the prob mass? $Mode(x) := argnas { <math>p(x)$ } Ronders in Areno, Bet on Black. Who is the expected minings ? Pagers 1:1.

X- 2 1 up 19

E(x)=(1) = -2 2 - 40.053)

hoper !

for on lucky #7 Payons 35:1 X~ & \$35 mp 30 E(N) = (35) = + (-1) 32 = -2 = -0.053 Dozen Bes" {1,.., 12} Pozeno 2:1 Y- { 12 p 30 E(x) = 2 12 + (1) 36 = - 40.053 All beto in Roller hu some expersion! I'm Enjoye. - beson Rol V- 5 #1 up 18/30

Ex) = 35 - 19 2 14 0.02> "much fairer"

Non Ruemn: I ride Ober. If I take if no triffe)
the Van Wych, it's 7 mm; if I take Jane Are 12 mm.
Prob (no traffic) = 70%, Cross of r.v. for the Igpre:

Was & 6 up @?

12 up 0.3

EW) = 6.0.7 + 12.0.3 = 7.8 min Eaplah...

How and do I gy for the? User changes \$0.40/mm. B = f(w) Hymstomson theory 11 let B:= \$0.00/mm. W Who is Sypla)? => 5pp(B) = f(5pp(Go)) = f(£6,123) = {2.4,48} if w=6= b= 2.9 What about P6(b)? Is it when so PWW? Yes PB(b) = PW(0.+) P(6= 2.+) = P(W=6) Memer frama P (0=48) = RW=12) (OK since 1:1) for I'm $2 + p_6(b) = 5 = 6 \cdot p_6(b) = 5 = 6 \cdot p_6(b) = 5 = 0.40 \text{ mpm} = 0.4 \text{ mpm} = 0.4$ tuliglish by come your or so does privat pt. Y=1X, E(Y) = 9 12(X) same (yill seemly larm) 2 y R(x) = Sax P(x) = 9 Exp(s) = 9 E(x)
yesq(x) xeq(x)

Box thereis a box facet \$7 955000 as you get is the taxi.

T = \$3+B Whi E(T)?

