









De [X7] \* Var (x) = (\$35 - 10.053) = 1 (\$1 - - \$ 0.053) = 33.207\$ = 33.207\$ \*Var [X] = (11-10.053)2 11 + (-11-10.053)2 20 = 0.99712 2 Juac (X1) = \$5.29 \* \* earl think \* [var(XB) = \$1.00 in #2, so take the square rout. was 6:SE[X] = Var (X) expected error loss of units that we care about bet on #7 X7 → -\$0.053 LLN  $X_{1} \sim \begin{cases} 635 & \text{wp} & \frac{1}{32} \\ -61 & \text{wp} & \frac{31}{38} \end{cases}$   $E[X_{7}] = -10.053$ Bet on Black X8~ { - 11 w 20 E[16] = - \$0.053 XB = - \$0.053 LLN This one narrows in father because the variance is

smaller\_

