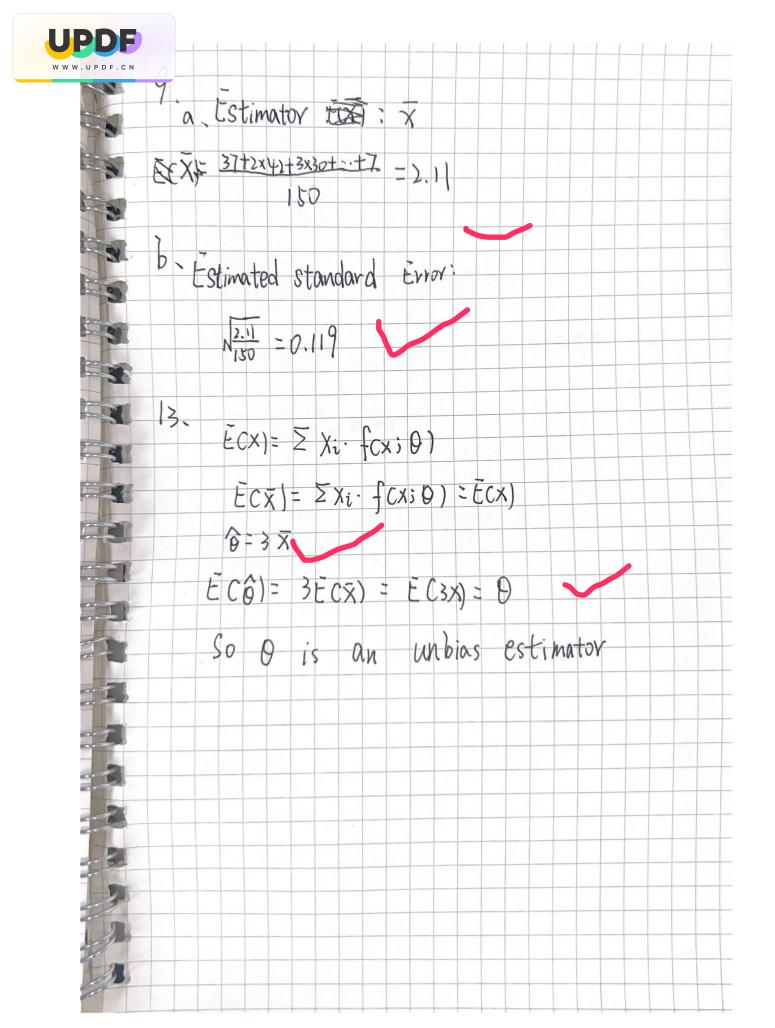


P D F . C N	6.1 1.8, 9, 13
	b. 2 20,21,29,32
3	1. a. Estimator = \bar{x} estimate= \bar{x} = \bar{x} = \bar{x} = \bar{x} = \bar{x} = 8.14
3	b. Estimator = \hat{x} estimate: $\hat{x} = 0.77$
3	C. Estimator = S estimate = $S = \sqrt{\frac{\sum x_i^2 - (\sum x_i)^2/n}{N}} = 1.66$
3	$d - \frac{4}{7} = 0.148$ $e = \frac{5}{8}$ $e = \frac{5}{8}$
1	estimate = $\frac{s}{8} - \frac{1.6b}{8.14} = 0.204$
3	8. A. P = 80-12 80 = 0.85
3	D-P-P-0.725 P=0.85X 79 -0.72





. U P D F . C N
20,
a. When X is binomial VV.
$\frac{1}{p} \cdot \frac{x}{n} = \frac{3}{20} = 0.15$
b. Ecp)= ECN = RECX = P
so the estimator of part ca) is unbiased.
P= C1- 3 5 0.44
21-0.
ECXT = Vcx) + Ecx)
$\frac{1}{2}$ B ² E Γ C(+2/ α)
$\overline{X}^2 = \beta^2 \left(\Gamma C(1 + 2/\alpha) \right)$
3 - X
TC(+1/a)
$S = \left(\frac{x}{\Gamma(1+\frac{1}{2})}\right) + \left(\frac{1}{\Gamma(1+\frac{1}{2})}\right) + \left(\frac{1}{\Gamma(1+\frac{1}{2})}\right)$
$\frac{1}{\left(\frac{1+\lambda}{\alpha}\right)^{2}/\left(\frac{1+\lambda}{\alpha}\right)^{2}}$
$b = \frac{1}{5} (1.2) \int_{0.05}^{1} (1-1)^{2} d^{3} d^{5} d^{5}$
$b = \frac{28}{\Gamma(12)} = 28.0 / \Gamma(1.2)$

