

Ser, }

3+

b. V(X) = ξ(ν-μ)<sup>2</sup>phn) = (1-6.45)<sup>2</sup>x 0.05 + (2-6.45)<sup>2</sup>x 0.10 + (4-6.45)<sup>2</sup>x 0.35 + (8-6.45)<sup>2</sup>x 0.40 + (166.85)<sup>2</sup>x 0.

c. = 18.691.

$$\frac{1}{\sqrt{(x)}} = \frac{1}{\sqrt{(x)}} = \frac{1}$$

2 1x0.05+ 4x0.10+16x0.35+64x0.40+256x0.1-6.45

± 15.6475

L. V(x) = E(x)-(E(x))2 = p-p2 = p(1-p)

E(X79) = 07 plo) + 17 ppi) == p

91. 
$$\sqrt{(h/x)} = \sum_{D} \{h(x) - E[h(x)]\}^2 p(x)$$

$$= \frac{1}{2} \left\{ \frac{1}{2} \left( \frac{1}{2}$$

$$z \in \left\{ a^{2}(x-\mu) \right\}^{2} p(b)$$