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= -01-004-0.01
= 0.%5
The pmf of R
C. r 0 1 2 3
V(1) 03 04 022 0.08
d. $p(\bar{x} \leq 1/2)$
= C4 (0.4)+ C4 (0.45 x 0.3
+(40.4)20.3)2+(40.4x(0.3)3
= 0.24
5.4 46 51 55
11. a. The sampling distribution of
X is still centered at 12 cm
6x = 004 = 001 cm
b. mean value is also 12cm
$6\pi = \frac{0.04}{\sqrt{164}} = 0.005$
C. The second one
because the variation is smaller 87
0.4 0.6 0.8







