

For the next to other on your	vo problems, le next hand, and	et $X = \$5$ if yo X = \$0 otherw	u are dealt two l	note cards of the same suit as e	each
8. What is the a. 1.18.	expected value b. 2.20.	e of X, in dolla c. 2.45.	rs? d. 2.89.	e. None of the above.	
9. What is the a. 2.75.	variance of X, b) 4.50.	in dollars? c. 6.28.	d. 7.04.	$E(X^2) = (5^2)(\frac{1}{5})$ e. None of the above.	
hole cards are	red cards. Are	A and B inder	pendent?	and let B be the event that both $P(A G) \neq P(A)$ in the information given.	h your
your hole card	ds are clubs. W	hat is the expe	cted value of X'		
12. Let X = the What is E(X)'s a. 15.1.	e number of hard? b. 16.2.	ands until the fi	irst time you are d. 18.9.	e dealt 2 cards that are both clue. e. None of the above.	ibs.
13. Suppose X	Cand Y are uni	form on (0.1):	and X and Y are	e independent. What is cov(2X) e. None of the above.	+Y, E(X)= -! E(Y)=-!
14. Suppose X a. 0.593%.	Lis exponential by 1.58%.	l with $\lambda = 2$, so c. 7.29%.	E(X) = 1/2. W d. 8.03%.	hat is $P(2 < X < 3)$? (e ~ 2.71 e. None of the above.	8282).
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