

19.1

The joint probabilities  $P(X=a, Y=b)$  are given in the table --- Determine the marginal P.D's of  $X$  and  $Y$  ---

		X				Marginal (Y)
		a				
		1	2	3	4	1
Y	1	$16/136$	$3/136$	$2/136$	$13/136$	$1/4$
	2	$5/136$	$10/136$	$11/136$	$8/136$	$1/4$
	3	$9/136$	$6/136$	$7/136$	$12/136$	$1/4$
	4	$4/136$	$15/136$	$14/136$	$1/136$	$1/4$
Marginal (X)		$1/4$	$1/4$	$1/4$	$1/4$	1

Marginals of  $X$  and  $Y$  are

given in the table. We filled the table entries of Marginal (X) and Marginal (Y) ---