10	The	be probability distribution of a random variable $X$ is given in the table.							
			x	0	2	4	6		
			P(X=x)	$\frac{3}{8}$	$\frac{5}{16}$	4 <i>p</i>	р		
	(i)	Find the value of $p$ .							[2]
	(ii)	Two values of $X$ are chosen at random. Find the probability that the product of these values is $0$ .							[3]