the number of days that she works at home in any given week. It is given that		
	P(X=x) = kx(x+1),	
whe	are k is a constant and $x = 1, 2, 3$ or 4 only.	
(a)	Draw up the probability distribution table for X , giving the probabilities as numerical fractions [s. [3]
(b)	Find $E(X)$ and $Var(X)$.	[3]
		•••
		•••
		•••
		•••
		•••

Becky sometimes works in an office and sometimes works at home. The random variable X denotes

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