	On how many days of the year (365 days) would you expect a randomly chosen student to use a games machine for less than 4 hours? [3]
(ii)	Find the value of k such that $P(X > k) = 0.2$. [3]

.....

games machine in a day is within 1.5 standard deviations of the mean.	
e variable Y is normally distributed with mean μ and standard deviation σ , where σ is no positive.	where $4\sigma = 3\mu$
e variable Y is normally distributed with mean μ and standard deviation σ , we 0. Find the probability that a randomly chosen value of Y is positive.	where $4\sigma = 3\mu$
	where $4\sigma = 3\mu$