	(a)	Write down the mean of $X$ .	[1]
(b) Find the probability that a 5 is first obtained after the 3rd throw but before the 8th throw.  (c) Find the probability that a 5 is first obtained in fewer than 10 throws.			•••••
(c) Find the probability that a 5 is first obtained in fewer than 10 throws.	(b)	Find the probability that a 5 is first obtained after the 3rd throw but before the 8th throw.	[2]
(c) Find the probability that a 5 is first obtained in fewer than 10 throws.			•••••
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