(a)	Show that $P(X = 2)$	$)=\frac{7}{64}.$					[3]
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<b>)</b> )	Complete the prob	ability distril	bution table	e for $X$ .			[2]
<b>)</b> )	Complete the prob	ability distrib	bution table	2	3	4	[2]
)	Complete the prob				3 19 64	4	[2]
<b>)</b> )	Complete the prob	х		2 7	19	4	[2]
<b>)</b> )	Complete the prob	х		2 7	19	4	[2]
•)	Complete the prob	х		2 7	19	4	[2]
<b>D</b> )	Complete the prob	х		2 7	19	4	[2]
0)	Complete the prob	х		2 7	19	4	[2]
0)	Complete the prob	х		2 7	19	4	[2]
(b)	Complete the prob	х		2 7	19	4	[2

On another occasion, one of the fair 4-sided spinners is spun repeatedly until a 3 is obtained. The random variable Y is the number of spins required to obtain a 3. (c) Find P(Y = 6). [1] (**d**) Find P(Y > 4). [2] ..... .....