Show	Show that $P(X = 3) = \frac{3}{64}$.									
		•••••								
Comp	olete the	following p		distribution	ı			l		
Comp	olete the	x	0	distribution 1	table for <i>X</i>	3	4			
) Comp	plete the			I	ı		4 1 256			
	blete the	x	0	I	ı	3	1			
	olete the	x	0	I	ı	3	1			
	blete the	x	0	I	ı	3	1			
	olete the	x	0	I	ı	3	1			
	olete the	x	0	I	ı	3	1			
	olete the	x	0	I	ı	3	1			
		$\begin{array}{c} x \\ P(X=x) \end{array}$	0 <u>81</u> <u>256</u>	1	2	3 3 64	1			
		$\begin{array}{c} x \\ P(X=x) \end{array}$	0 <u>81</u> <u>256</u>	1	2	3 3 64	1/256			
		$\begin{array}{c} x \\ P(X=x) \end{array}$	0 <u>81</u> <u>256</u>	1	2	3 3 64	1/256			
		$\begin{array}{c} x \\ P(X=x) \end{array}$	0 <u>81</u> <u>256</u>	1	2	3 3 64	1/256			

Fi	$\operatorname{Ind} E(X)$.		
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arc	ows the four dice at the same time	on 96 occasions.	
	se an approximation to find the pese occasions.	robability that he obtains at least two 2s	on fewer than 2
•	ese occusions.		
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