1. a) 
$$5 \neq 0$$

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c) 
$$P(0 \le x \le 3)$$
 y  $P(0 \le x \le 3)$   
 $P(0 \le x \le 3) = P(x \le 3) - P(0 \le x) = 1 - 1/4 = 3/4$ 

$$P(0 \le x \ge 3) = P(x \ge 3) - (P(0 \le x)) = \frac{1}{2} - \frac{1}{4} = \frac{1}{4}$$

d) media, varianza y actionente de variación de X.

٠	χ	f(x)	F(x)	M	02	O	$M = M = \sum_{x} \chi \cdot f(x)$
•	-5	1/4	F(x) 1/4	•	•	٠	
	1	1/4	1/2	1/2	1075	6557	$V_{\text{or}}(x) = \sigma^2 = \sum_{n=1}^{\infty} (x - n)^2 \cdot \int_{-\infty}^{\infty} (x)$
	3	1/2	1	٠		•	$CV = \sigma = \frac{+\sqrt{\sigma^2}}{4}$
				•			M

$$(-5-\frac{1}{2})^2 \cdot \frac{1}{4} = 7'5625$$
  
 $(1-\frac{1}{2})^2 \cdot \frac{1}{4} = 0'0625$   
 $(3-\frac{1}{2})^2 \cdot \frac{1}{2} = 3'125$ 

$$10'75 = V_{av}(X)$$

$$(V = \frac{\sqrt{10'75'}}{\sqrt{10'75'}} = 6'557$$

e) For que no es equitativo? Modificalo