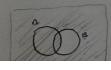
b) media = 
$$\sum x_i \cdot p_i = 1$$
  $q_{31} + 2.0.16 + 3.022 + 4.0.25 + 5.0.06 = 2.59$   
Vo(10) =  $\sum x_i^2 y_i = (\text{media})^2 = 1.7219$ 

4) 
$$P(x>2) = P(5) + P(4) = {4 \choose 3} (0,7)^3 (0,5) + {4 \choose 4} (0,7)^4 (03)^6 = 0,2401$$

() 
$$P(8|A) = \frac{P(A \cap 3)}{P(\Delta)} = \frac{1/5}{1/5} = \frac{2}{1/5}$$



1) 
$$P(\#41\times 50) = \frac{P(65\times 54)}{P(65\times 54)} = \frac{P(6) \times \dots \times P(8)}{P(6) \times \dots \times P(8)} = \frac{1}{10} = \frac{1}{10}$$

$$f) \ P(x \ge 13/x \ge 1) = \frac{P(11 \le x \le 13)}{P(x \ge 11)} = \frac{P(11) + P(12) + P(13)}{P(x) + P(13)} = 0.9973$$

c) 
$$P(x>1|x\leq 2) = \frac{P(1< x\leq 2)}{P(x\leq 2)} = \frac{P(2)}{P(0) + P(0) + P(2)} = 0.1837$$

5) 
$$P(x>1) = 1 - P(0) - P(1) = 1 - 0.5 - 0.25 = 0.25$$

() 
$$\gamma(2 \le x \le 4) = \rho(2) + \rho(3) + \rho(4) = \bar{\rho}(\frac{1}{2} + \frac{1}{6} + \frac{1}{24}) = 0.2606$$

1) 
$$P(x \le 2) = P(0) + P(1) + P(2) = \bar{e}'(2 + \frac{1}{2}) = 0.9197$$

(1)  $P(x \le 2) = P(0) + P(1) + P(2) = \bar{e}'(2 + \frac{1}{2}) = 0.9197$ 

(1)  $P(x \le 2) = P(2) + P(3) + P(4) = \bar{o}'(\frac{1}{2} + \frac{1}{2} + \frac{1}{2}) = 0.2606$