5 BRANCAS 3 BOLAS

4 VEMMELHAS

3 Azuis

of 
$$C_{12,3} = \frac{12!}{3!(12-3)!} = \frac{12!}{3!9!} = \frac{12!}{12!} = \frac{12!}{$$

$$p(A) = 56 = 28 = 14$$
220 110 55

$$C_{8,3} = 8! = 8! = 8.7.6.8! = 56,$$
 $3!(8-3)! 3!5! 6.5!$ 

$$C_{4,1} = \frac{4}{1!(4-1)!} = \frac{4\cdot 31}{1!31} = 4$$

$$C_{8,2} = \frac{8!}{2!(8-2)!} = \frac{8 \cdot 7 \cdot 6!}{2 \cdot 6!} = \frac{28}{2}$$

$$\rho(A) = 4.28 = 112 = 56 = 28 / 220 220 110 55$$

$$C_{5,3} = 5! = 5! = 5.4.3! = 10_{11}$$
 $3!(5-3)! = 3!2! = 3!2$ 

$$p(A) = 10$$

$$C_{4,3} = \frac{4!}{3!(4-3)!} = \frac{4 \cdot 3!}{3!(1-3)!} = 4/1$$

$$p(B) = 4$$
  $p(AUBUC) = \frac{15}{220} = \frac{3}{44}$ 

$$p(c) = 1$$
220

02+  $P(A) = \frac{2}{3}$ 

$$\rho(\overline{A}) = \frac{1}{3}$$

$$\rho(\bar{A}) = \frac{1}{3} \qquad \rho(\bar{A} \cap \bar{B} \cap \bar{C}) = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{3}{5} = \frac{3}{5} = \frac{1}{5} / \frac{1}{5} = \frac{1}{5} = \frac{1}{5} /$$

P(B) = 4 p(B) = 1

$$l = 1 - p(\bar{a} \cap \bar{b} \cap \bar{c}) = 1 - \frac{1}{50} = \frac{49}{50} / \frac{1}{50}$$

$$p(z) = 3$$
so