09(A1) =0,9; P(A2) = 0,9; P(A3) =0,8; P(A4) =0,2; P(A5) =0, B-{ Jez lipeucobie posoma A2 i A3} P(B) = P(A2+A3) = P(A2) + P(A3) - P(A2A3) = 1,7-0,72 = 0,9+ F(A, BA+A5) = 0,9,0,98.0,7.0,4-0,24. A-{ rayre, butineers & y fru 1 2 bust. Sanow?

Bi-{ 3 y fru 1 2 butineers gbi Sin'reyri }.

Bi-{ 3 y fru 1 2 butineers gbi ropus reyri?

Bi-{ 3 y fru 1 2 butineers gbi ropus reyri?

Bi-{ 3 y fru 1 2 butineers repuy, 15 my ryro}  $P(B_1) = \frac{C_5^2}{C_1^2} = \frac{10}{45}$ ;  $P(B_2) = \frac{C_5}{C_{10}^2} = \frac{10}{45}$ ; P(B3) = 65.65 = 25; P(A) = 10 . 5 + 10 . 7 + 25 . 6 = 0,6. Э На А- Е Навманния обраний стуреня ienum neeraab ? B1- [nabn. 05/- enggerm 3 1: 2/ 3

 $P(B_{1}|A) = \frac{P(B_{1}) \cdot P(A|B_{1})}{P(B_{1}) P(A|B_{2}) + P(B_{2}) P(A|B_{2})} + P(B_{3}) P(A|B_{3})$   $P(B_{1}) = \frac{20}{63} : P(B_{2}) = \frac{16}{63} : P(B_{3}) = \frac{25}{63} :$   $P(B_{1}|B_{1}) = 0,8 : P(A|B_{2}) = 0,4 : P(A|B_{3}) = 0,6$   $P(B_{1}|A) = \frac{0,31 \cdot 0,8}{0,25 + 0,11 + 0,31} = \frac{0,32}{0,32}$ 

$$m_1 = C_4^1 C_5^3 = 4 \cdot \frac{f!}{3!4!} = 4 \cdot \frac{5.6.7}{234} = 140.$$
 $m_2 = C_4^4 = \frac{5!}{3!4!} = \frac{5.6.7}{23} = 35.$ 

$$P(B_1) = \frac{m_1}{n} = \frac{140}{330} = 0,42$$
,  $P(B_2) = \frac{m_2}{n} = \frac{35}{330} = 0,1$ .

b) 
$$f_3 = \{ \text{ lefy but menux ryro xora Su 1 Sina} \}$$

$$A_3 = \{ \text{ lefy but menux ryro nemat xopnoi Sinoi xyri} \}.$$

$$m = l_2^4 = 35$$