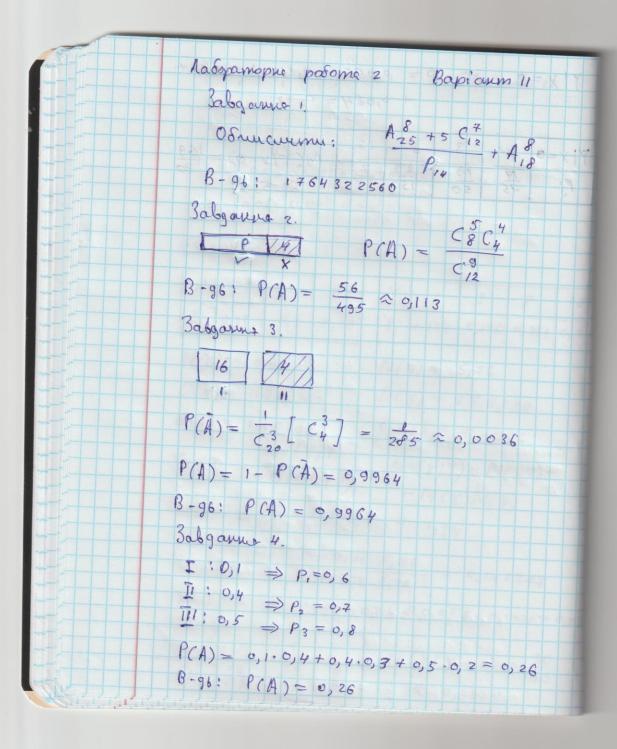
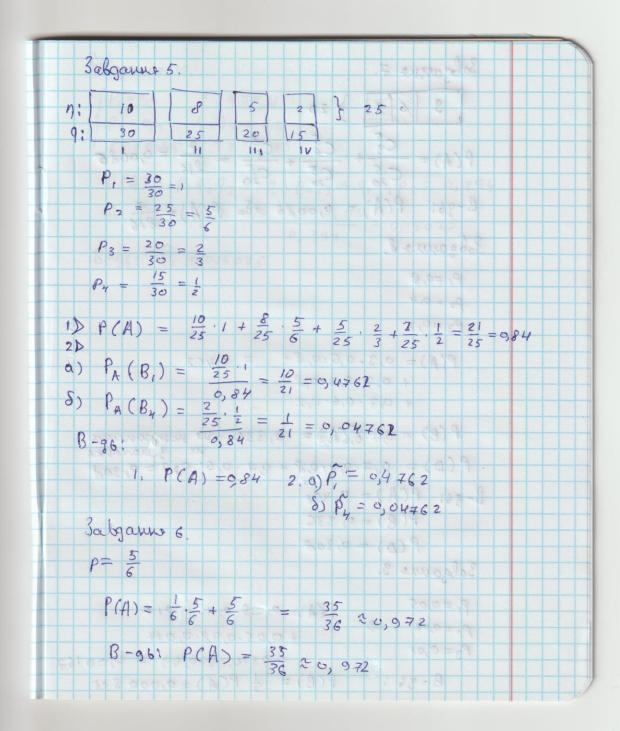
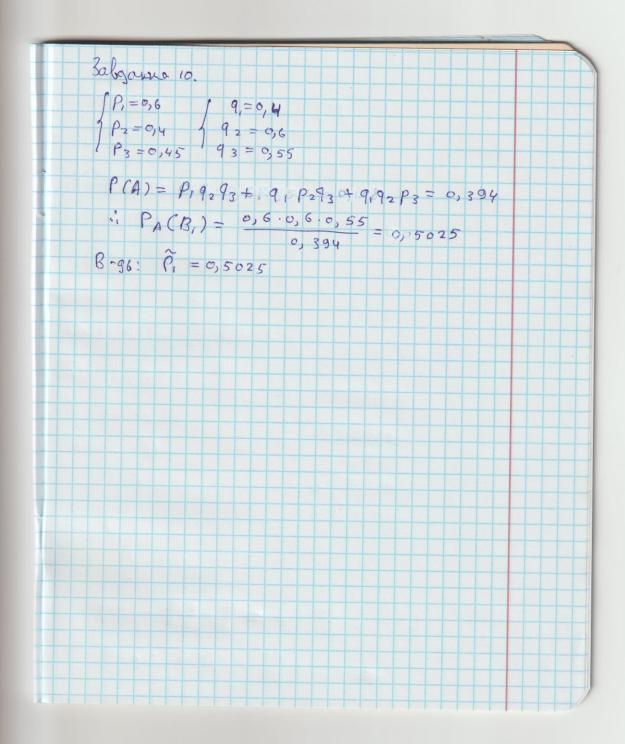
Na sopamopus	podome 1 Bapiann 11
	100
B-96: 3.3.2	1 = 18
Balganne 2.	
C40 C39 C38	
B-96: 13160	160
3abyanne 3.	
	2
3Cn+1 2 An	= n
3 (n+0)	n!
$\frac{3}{2} \frac{(n+i)!}{(n-i)!} - 2$	(n-2)! n
3(n)	
3(11+1)11 - 4	$n(n-i)=2n$, $n\in\mathbb{N}$
3(n+1) - 4(n	1-1)=2
3n+3-4n	$+4=2 \Rightarrow n=5$
B-96: n=5	091-191-191
Balganne 4.	
Poglivezamu cuc	cinally:
(Ax +3 Cx =	
1	
(Ax - 2 Cx	= 40
Repenuureus:	$\int \frac{x!}{(x-y)!} + 3 \frac{x!}{(x-y)!y!} = 90$
	(x-9); $(x-9)$;
	$\begin{cases} \frac{x!}{(x-y)!} - 2 & \frac{x!}{(x-y)!} = 40 \end{cases}$

 $5 \frac{x!}{(x-y)!y!} = 50 \Rightarrow \frac{x!}{(x-y)!y!} = 10$ $\begin{cases} 2 & x! \\ 2 & (x-y)! \end{cases} + \begin{cases} x! \\ (x-y)! & y! \end{cases} = 120$ $\frac{x!}{(x-y)!} + 10 = 120 = \frac{x!}{(x-y)!} = 60$ $\frac{60}{9!} = 0 \implies 9! = 6 \implies 9 = 3$ 8 2 mg 0 mg $\frac{x!}{(x-y)!} = 60 \iff \frac{x!}{(x-3)!} = 60 \iff x(x-1)(x-2) = 60$ B-86: (x;4) = (5;3) Balganne 5. B-96: 5! = 120 Babganna 6. $A_{x}^{1} = 12 A_{x}^{2} \Leftrightarrow \frac{x!}{(x-4)!} = 12 \frac{x!}{(x-2)!}$ $(x-2)(x-3) = 12 \Rightarrow x = 6$ B-96: x=6
3abganns 7. 8.7 = 56 B-96:56

300-																		
3abg an	the 8.	1303					VP (4		DA.					-	+	
PCAL	900	8 _	5															
	C 5		17				I		I									
														4		L		
3-96:	P(A) =	17	2	0, 2	94	1				-	-							
Jalgar	na 9.			4 2			-	+		100								
DIM -	C 3	5																
((4) -	C ₆ ³	91	20	,0	5-4	9												
5	P(A)	1	5 2	0.0	25	ug				Y								
13-36	P(A)	= 9	1			7)												
3ab aar	110/0																	
3ab gar	10,	5					4											
a) P(A) = A	5							-		1							
5000	5 A	3		100						1						0		
a) P(1 8) P(3) = 5																	
B-36:	9) 0(1		1	. (()	P	0		1									
0 80.	() 1 ()) = (20			10	15,	-	2				100	10	9			
3abg au	me 10.										T to							
600	K 515,	0 84	515	75 7														
241×								I										
000) = 13	247		2 16										10				
7(#)	13	2		225	~	0,	07	17			9							
P(A)	_ 16		10	7 / 7	4	7												
10	225	8 20	,0	+1+				19										
B-96!	P(A)	_ 16		0.0	71	7												
	1001	22	5	,	()	7												
						1	10	1	P		1	11)						

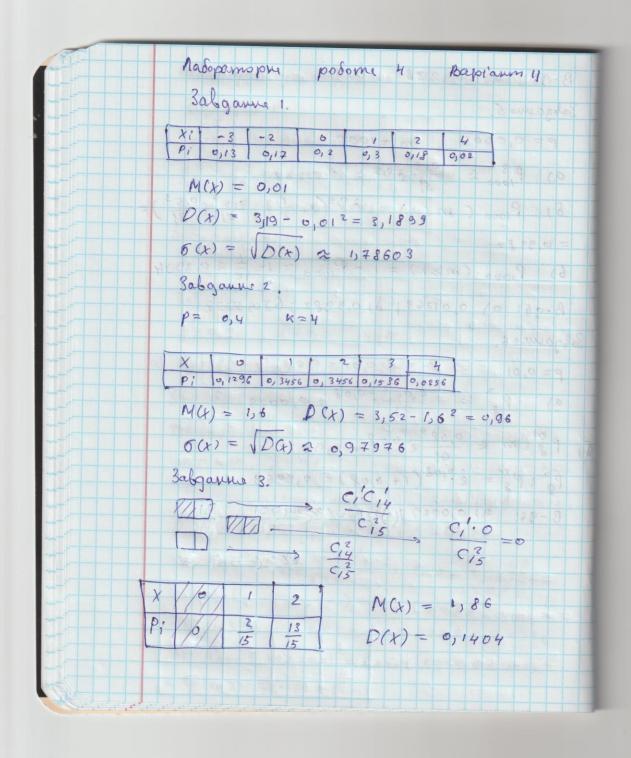


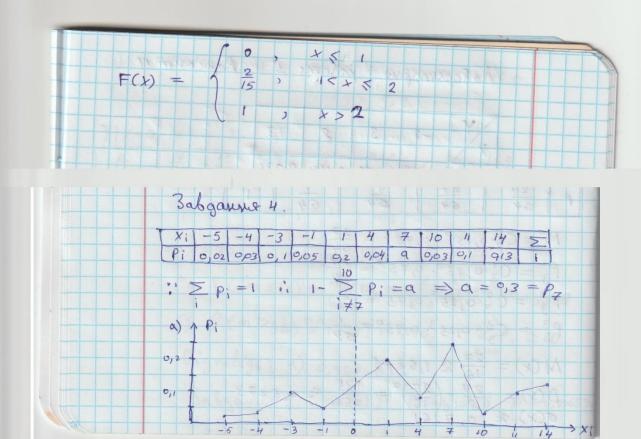




hadopamopne podome 3. Bapianin " Babgarne 1 p=0,4 , n=6 P6 = C5 0,450,6' = 0,036864 B-96: P(A) = 5,036864 3abgarer 2. B.g61 Mo=5, P(A)= 0,2270 Baba anno 3. $\rho = 0,3$, q = 0,7, n = 5a) P's = C'5 0,3'0,74 = 0,36015 8) P5 (m71) = 1-P5 = 0,83193 Babganne 4. n = 400, p = 0,8 Burspucmaçus i'umenpausay meopeny Ramiaca, Pn (m, & m & m2) = P(x2) - P(x1) ge $\varphi(x) = \frac{1}{\sqrt{2\pi}} \int_{0}^{x} e^{-\frac{t^{2}}{2}} dt$, $x_{i} = \frac{m_{i} - np}{\sqrt{npq}}$:, a) P400 (m > 300) = P400 (300 < m < 400) = = \$\Phi(10) - \$P(-2,5) = \frac{1}{2} + 0,4938 = 0,9938 8) Proo (m> 200) = Proo (200 5 m < 400) = = \$\(\phi(10) - \phi(-15) = 1

B-961 a) 0,9938 ; 8,1 Bebgann 5. p= 0,0005, n=1000 a) Pisoo 2 0,53 0,5 2 0,01263 8) Ploco (m(3) = e 0,5 (1+ 1 + 0,52 + 0,53)= = 0,9982 6) Provo (m>1) = 1 - Provo = 1- 1 20,3934 B-96: a) 0,01263; S,0,9982; 6)0,3934. Bolgannes 6. p=0,01 => 7 = 8.0,01 = 0,08 a) P8 2 0,082 = 0,08 = 0,0029 () $P_8^o + P_8' = \hat{e}^{0.08}(1+0.08) = 0.9969$ B-96: 9)0,0029, 8, 2 10mm





5)
$$\begin{pmatrix} c, & x \leq -5 \\ c, & 0 \geq 2, & -5 \leq x \leq -4 \\ o, & 0 \leq 5, & -4 \leq x \leq -3 \\ o, & 0 \leq 5, & -4 \leq x \leq -3 \\ o, & 0 \leq 5, & -3 \leq x \leq -1 \\ o, & 0 \leq 1, & 0 \leq x \leq 1 \\ o, & 0 \leq 1, & 0 \leq x \leq 1 \\ o, & 0 \leq$$

$$A_{s} = -0.0262$$

$$A_{s} = \frac{M_{4}}{\delta_{4}} - 3 = \frac{1}{\delta_{4}} (V_{4} - 4V_{1}V_{3} + 6V_{1}^{2}V_{2} - 3V_{1}^{4}) = 3$$

$$E_{s} = -1.077$$

	10 4 10 10
	Natopomopus posome 5 Bapiano 11
	Y -2 3 0
	x -2 3 8 13
	-2 0,074 0,076 0,144 0,036
-	0 0,056 0,114 0,046 0,084
	0 0,000 0,004
	2 0,104 0,006 0,164 0,096
	X -2 0 2 Y -2 3 8 13
	Pi 0,33 e,3 0,37 Pj 0,234 0,196 0,354 0,2
	M(x) = 0.08 $M(y) = 5.76$
-	
	D(x) = 1,329472 D(Y) = 28,6824
	GCV CCV
	6(x) = 1,15303 $6(y) = 5,3556$
	$V_{XY} = \frac{Cov(X;Y)}{G(x)G(y)}, Cov(X;Y) = M(xY) - M(xY) - M(xY)M(y)$ $M(xY) = \sum_{i=1}^{3} \frac{4}{x_i} \cdot V_i \cdot V$
	$G(x)G(y) \rightarrow Gov(X,Y) = M(xY) -$
	3 + -M(x)M(y)
	$M(xy) = \sum_{i=1}^{3} \sum_{j=1}^{4} x_i y_j P_{ij} = 1_{334}$
	1=1 1=1 1) 1) 1) 34
	$V_{XY} = \frac{1,34-0,08.5,76}{1,15303.5,3556} = 0,142377$
	VXY = 0,142377
	1,13303.3,3556
	$X Y = -2 \Rightarrow P = 0,074 + 0,056 + 0,104 = 0,2$
	XIY=-2 -2 0 2
	$P_i = \frac{37}{117} = \frac{28}{117} = \frac{4}{9}$ $M(X/Y=-2) = \frac{10}{39}$
	$P_{i} = \frac{37}{117} = \frac{28}{117} = \frac{4}{9} = 20,2564$

