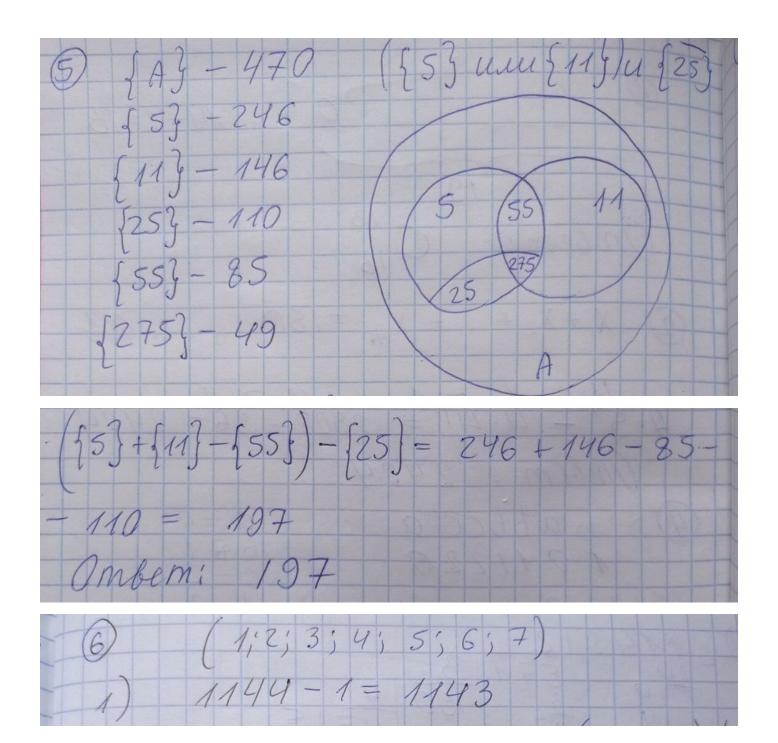
Овсянникова Вариант 10		
N	Ответ	
1	C_{18}^{13}	
2	C_{109}^{39}	
3	2404	
4	4457	
5	197	
6	2546371	
7	3 или 13	
	$C_{10}^7 - 8 \cdot C_8^7 = 56$	
8	47 62	

14-1=13 Ombem: C13 (2) X, + X2 + ... + X40 = 150 , Xi 72 yi = Xi -1 4:71 y1 + y2 + ... + y40 = 150 - 40 = 110 Ombem: C 39 3) все - все упарно разные 4.54 - 4.4! = 2500 - 96 = 2404 (mbem: 2404 babbcc a 1011220 6543210 10112204 = 1.46 + 1.44 + 1.43 + 2.42 +2.4 = 445610 4456+1=4457 ambem: 4457



2) 110	13 2 3 571 3	514	
19	3 -3 -16 3 -27 -16 3 -27 -30	47 5 9	6
	5 0 28	3 3	
114310	= (132211)!	
3) 1	7654321	5	
2	76 431	4	1
2	7631	6	
1	731	3	
1	71	7	
Ø	1	1	
amben	1: 25463	571	

X; E 10;2 X1+X2+X3-3=X4+X5+X6 XX7+X8 $AfX_i = a_i, i \leq 3$ $X_i = 2 - a_i, i > 3$ $a_1 + a_2 + a_3 - 3 = 2 - a_4 + 2 - a_5 + 2 - a_6 + 2 - a_7 + 2 - a_8 + 2$ +2- 49 a1+a2+a3+a4+a5+a6+a7+a8= 13 N = 132) $\int X_i = 2 - a_i, i \leq 3$ lXi = ai, i73a1+a2+a3+a4+a5+a6+a7+a8=3 N=3 aie[0:2] 2. $a_1 + a_2 + ... + a_8 = 3$ I Ombem: Cp-C2-8

1) $a_{i} = 70$ $a_{i} = 2$ $a_{i} = 2$ $a_{i} = 2$ $a_{i} = 2$ $a_{i} = 3 - 2$ $a_{i} = 2 + 3 - 2$ $a_{i} = 3 - 2$

(*) $C_{10}^7 - 8 \cdot C_8^7 = 120 - 8 \cdot 8 = 56$.

8) 16-3e venoix 6 a dupa 1072
16 - neerocx
$1 - \frac{16}{16+16} \cdot \frac{15}{15+16} = \frac{47}{62}$
9mbem: 47 62