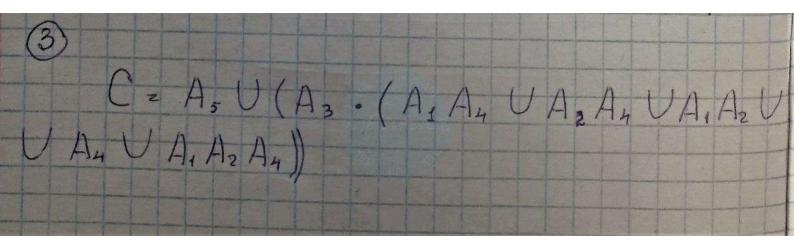
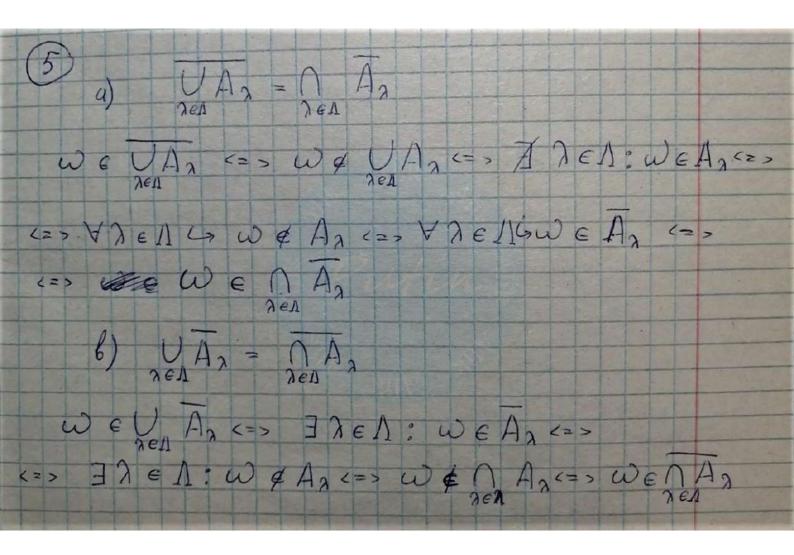


| (2) a) | A B O O O O O O O O O O O O O O O O O O | AB AUB 1 1 1 1 1 0 0 0 | bepreo. | |
|--------|---|---|---------|--|
| 8) | A B 0 1 1 0 0 0 1 1 | AUB A.B 0 0 0 0 1 1 0 0 | верно | |

| c) A O O A O O | B C O O O O O O O O O O O O O O O O O O | (AUB) C 0 0 0 1 1 0 1 UB) AB 1 | ACUBC, O O O 1 1 ABUAB 1 |
|--|---|---|---|
| 1 | 0 | 1 | |
| 1 0 | 0 | 0 | 0 |
| 1 | 11 | 0 | 0 bepreo |



(3)(AUB) n (AUB) = ANA UANBUBNAU UBnB=AUAnBUBA=AUA=A. (AUB) n (BUC) = ABUAC UBBUBC= = ABUAC UBUBC=BUABUAC=BUAC e) (AUB) n (AUB) n (AUB) = (ABUBA) n (AUB)= UBAUBB) n (AUB) = (ABUBA) n (AUB)= = ABAUABBUBAAUBAB=ABUAB= = AB



| (T) | | | |
|---|--|----------------------------------|-------------|
| 1 TO 100 | 3 naprieus uz 4x: | C4 = 1 2" = 4 | 1,7 |
| | 5 naprier iz 8: | $\frac{C_8}{2^8} = \frac{7}{32}$ | 1 7 32/ |
| 5) | re mener 3x: | | |
| | $\frac{C_{+}^{3}}{2^{+}} + \frac{C_{+}^{4}}{2^{+}} = \frac{1}{4} + \frac{1}{16}$ | = 5 | |
| | ne mener 5 mi | | |
| | $C_{8}^{5} + C_{8}^{6} + C_{8}^{7} + C_{8}^{8}$ | 1/8/ | 8! 8! |
| | 28 | 20 (5!3! | 6!2! 7! 13) |
| $=\frac{1}{28}$ | r (56+28+9)= | 93 256 | |
| 16 | 77 Ber: a) 3 mg 4 | 5) re vierce 5 | uz 8. |